

**TITLE V BLOCK GRANT APPLICATION**  
**FORMS (2-21)**  
**STATE: NC**  
**APPLICATION YEAR: 2011**

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**FORM 2**  
**MCH BUDGET DETAILS FOR FY 2011**

*[Secs. 504 (d) and 505(a)(3)(4)]*

**STATE: NC**

**1. FEDERAL ALLOCATION**

(Item 15a of the Application Face Sheet [SF 424])

Of the Federal Allocation (1 above), the amount earmarked for:

A.Preventive and primary care for children:

\$ 5,080,274 ( 30.58%)

B.Children with special health care needs:

\$ 5,717,487 ( 34.41%)

(If either A or B is less than 30%, a waiver request must accompany the application)[Sec. 505(a)(3)]

C.Title V administrative costs:

\$ 546,007 ( 3.29%)

(The above figure cannot be more than 10%)[Sec. 504(d)]

\$ 16,614,558

**2. UNOBLIGATED BALANCE** (Item 15b of SF 424)

\$ 0

**3. STATE MCH FUNDS** (Item 15c of the SF 424)

\$ 50,812,077

**4. LOCAL MCH FUNDS** (Item 15d of SF 424)

\$ 0

**5. OTHER FUNDS** (Item 15e of SF 424)

\$ 65,575,818

**6. PROGRAM INCOME** (Item 15f of SF 424)

\$ 102,103,953

**7. TOTAL STATE MATCH** (Lines 3 through 6)

(Below is your State's FY 1989 Maintenance of Effort Amount)

\$ 29,063,379

\$ 218,491,848

**8. FEDERAL-STATE TITLE V BLOCK GRANT PARTNERSHIP (SUBTOTAL)**

(Total lines 1 through 6. Same as line 15g of SF 424)

\$ 235,106,406

**9. OTHER FEDERAL FUNDS**

(Funds under the control of the person responsible for the administration of the Title V program)

a. SPRANS: \$ 0

b. SSDI: \$ 112,760

c. CISS: \$ 107,142

d. Abstinence Education: \$ 0

e. Healthy Start: \$ 2,621,768

f. EMSC: \$ 0

g. WIC: \$ 220,639,460

h. AIDS: \$ 40,268

i. CDC: \$ 12,225,834

j. Education: \$ 0

k. Other: \$ 0

CACFP/SFP \$ 90,245,482

CHIP \$ 507,380

MCHB \$ 1,158,757

Medicaid FFP \$ 2,034,819

SAMHSA \$ 643,034

SAPT BG \$ 37,779

TANF \$ 2,950,000

Title X (FP) \$ 8,386,233

**10. OTHER FEDERAL FUNDS** (SUBTOTAL of all Funds under item 9)

\$ 341,710,716

**11. STATE MCH BUDGET TOTAL**

(Partnership subtotal + Other Federal MCH Funds subtotal)

\$ 576,817,122

<b>FORM NOTES FOR FORM 2</b>
None
<b>FIELD LEVEL NOTES</b>
None

**FORM 3**  
**STATE MCH FUNDING PROFILE**

*[Secs. 505(a) and 506(a)(1-3)]*

**STATE: NC**

	FY 2006		FY 2007		FY 2008	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
<b>1. Federal Allocation</b> <i>(Line1, Form 2)</i>	\$ 17,434,522	\$ 21,042,200	\$ 16,813,240	\$ 16,706,141	\$ 16,813,240	\$ 16,243,237
<b>2. Unobligated Balance</b> <i>(Line2, Form 2)</i>	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>3. State Funds</b> <i>(Line3, Form 2)</i>	\$ 41,825,405	\$ 40,697,123	\$ 51,372,967	\$ 60,383,536	\$ 59,548,401	\$ 62,373,236
<b>4. Local MCH Funds</b> <i>(Line4, Form 2)</i>	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
<b>5. Other Funds</b> <i>(Line5, Form 2)</i>	\$ 48,788,897	\$ 57,604,539	\$ 49,938,752	\$ 58,322,658	\$ 49,837,163	\$ 65,361,837
<b>6. Program Income</b> <i>(Line6, Form 2)</i>	\$ 66,306,424	\$ 76,345,510	\$ 66,320,504	\$ 97,036,173	\$ 66,345,510	\$ 98,475,392
<b>7. Subtotal</b>	\$ 174,355,248	\$ 195,689,372	\$ 184,445,463	\$ 232,448,508	\$ 192,544,314	\$ 242,453,702
(THE FEDERAL-STATE TITLE BLOCK GRANT PARTNERSHIP)						
<b>8. Other Federal Funds</b> <i>(Line10, Form 2)</i>	\$ 263,072,753	\$ 247,538,180	\$ 275,332,854	\$ 254,555,203	\$ 295,848,985	\$ 277,969,881
<b>9. Total</b> <i>(Line11, Form 2)</i>	\$ 437,428,001	\$ 443,227,552	\$ 459,778,317	\$ 487,003,711	\$ 488,393,299	\$ 520,423,583
(STATE MCH BUDGET TOTAL)						

**FORM 3**  
**STATE MCH FUNDING PROFILE**

*[Secs. 505(a) and 506(a)(1-3)]*

**STATE: NC**

	FY 2009		FY 2010		FY 2011	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
<b>1. Federal Allocation</b> <i>(Line1, Form 2)</i>	\$ 16,565,419	\$ 15,928,291	\$ 16,616,923	\$	\$ 16,614,558	\$
<b>2. Unobligated Balance</b> <i>(Line2, Form 2)</i>	\$ 0	\$ 0	\$ 0	\$	\$ 0	\$
<b>3. State Funds</b> <i>(Line3, Form 2)</i>	\$ 57,445,175	\$ 57,944,750	\$ 59,694,226	\$	\$ 50,812,077	\$
<b>4. Local MCH Funds</b> <i>(Line4, Form 2)</i>	\$ 0	\$ 0	\$ 0	\$	\$ 0	\$
<b>5. Other Funds</b> <i>(Line5, Form 2)</i>	\$ 60,139,120	\$ 66,757,138	\$ 65,434,182	\$	\$ 65,575,818	\$
<b>6. Program Income</b> <i>(Line6, Form 2)</i>	\$ 97,036,173	\$ 102,103,953	\$ 98,475,392	\$	\$ 102,103,953	\$
<b>7. Subtotal</b>	\$ 231,185,887	\$ 242,734,132	\$ 240,220,723	\$ 0	\$ 235,106,406	\$ 0
(THE FEDERAL-STATE TITLE BLOCK GRANT PARTNERSHIP)						
<b>8. Other Federal Funds</b> <i>(Line10, Form 2)</i>	\$ 309,052,426	\$ 303,753,568	\$ 318,605,618	\$	\$ 341,710,716	\$
<b>9. Total</b> <i>(Line11, Form 2)</i>	\$ 540,238,313	\$ 546,487,700	\$ 558,826,341	\$ 0	\$ 576,817,122	\$ 0
(STATE MCH BUDGET TOTAL)						

## FORM NOTES FOR FORM 3

None

### FIELD LEVEL NOTES

1. **Section Number:** Form3\_Main  
**Field Name:** OtherFundsExpended  
**Row Name:** Other Funds  
**Column Name:** Expended  
**Year:** 2009  
**Field Note:**  
In FY 2009, the state continued to spend at a higher rate for WIC services that were paid with formula rebate funds than had been budgeted in that year.
2. **Section Number:** Form3\_Main  
**Field Name:** OtherFundsExpended  
**Row Name:** Other Funds  
**Column Name:** Expended  
**Year:** 2008  
**Field Note:**  
There was an increase in expenditures of infant formula rebates in 2007-08 to support the WIC program that contributed the greatest amount of the overall increase over the budgeted amount.
3. **Section Number:** Form3\_Main  
**Field Name:** ProgramIncomeExpended  
**Row Name:** Program Income  
**Column Name:** Expended  
**Year:** 2008  
**Field Note:**  
Medicaid payments to local health departments for dental health services for children, primary/preventive health services to children and services for prenatal care all increased significantly in 2007-08.

**FORM 4**

**BUDGET DETAILS BY TYPES OF INDIVIDUALS SERVED (I) AND SOURCES OF OTHER FEDERAL FUNDS (II)**

[Secs 506(2)(2)(iv)]

**STATE: NC**

	FY 2006		FY 2007		FY 2008	
<b>I. Federal-State MCH Block Grant Partnership</b>	<b>BUDGETED</b>	<b>EXPENDED</b>	<b>BUDGETED</b>	<b>EXPENDED</b>	<b>BUDGETED</b>	<b>EXPENDED</b>
a. Pregnant Women	\$ 46,754,935	\$ 46,109,741	\$ 49,348,656	\$ 57,759,605	\$ 45,368,679	\$ 53,331,398
b. Infants < 1 year old	\$ 17,611,776	\$ 20,684,591	\$ 17,005,734	\$ 22,869,095	\$ 20,352,155	\$ 28,478,548
c. Children 1 to 22 years old	\$ 72,421,262	\$ 86,529,848	\$ 78,135,726	\$ 110,398,998	\$ 85,139,168	\$ 109,699,146
d. Children with Special Healthcare Needs	\$ 23,074,687	\$ 27,393,713	\$ 26,028,699	\$ 26,884,412	\$ 26,953,450	\$ 27,442,752
e. Others	\$ 14,061,957	\$ 13,981,160	\$ 13,499,516	\$ 13,902,947	\$ 13,756,459	\$ 22,781,192
f. Administration	\$ 430,631	\$ 990,319	\$ 427,132	\$ 633,451	\$ 974,403	\$ 720,666
g. SUBTOTAL	\$ 174,355,248	\$ 195,689,372	\$ 184,445,463	\$ 232,448,508	\$ 192,544,314	\$ 242,453,702
<b>II. Other Federal Funds (under the control of the person responsible for administration of the Title V program).</b>						
a. SPRANS	\$ 0		\$ 0		\$ 0	
b. SSDI	\$ 96,917		\$ 96,753		\$ 97,081	
c. CISS	\$ 178,258		\$ 144,296		\$ 133,651	
d. Abstinence Education	\$ 1,248,963		\$ 1,283,698		\$ 0	
e. Healthy Start	\$ 2,496,052		\$ 2,599,739		\$ 2,770,109	
f. EMSC	\$ 0		\$ 0		\$ 0	
g. WIC	\$ 140,381,920		\$ 147,997,244		\$ 174,303,364	
h. AIDS	\$ 0		\$ 0		\$ 0	
i. CDC	\$ 9,413,100		\$ 8,226,458		\$ 7,931,534	
j. Education	\$ 68,882		\$ 0		\$ 0	
k. Other						
See note	\$ 0		\$ 114,984,666		\$ 110,613,246	
See Notes	\$ 109,188,661		\$ 0		\$ 0	
<b>III. SUBTOTAL</b>	\$ 263,072,753		\$ 275,332,854		\$ 295,848,985	

**FORM 4**

**BUDGET DETAILS BY TYPES OF INDIVIDUALS SERVED (I) AND SOURCES OF OTHER FEDERAL FUNDS (II)**

[Secs 506(2)(2)(iv)]

**STATE: NC**

	FY 2009		FY 2010		FY 2011	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
<b>I. Federal-State MCH Block Grant Partnership</b>						
a. Pregnant Women	\$ 57,445,865	\$ 53,543,233	\$ 52,840,220		\$ 51,860,680	
b. Infants < 1 year old	\$ 22,744,874	\$ 25,858,114	\$ 28,216,263		\$ 25,045,543	
c. Children 1 to 22 years old	\$ 109,799,328	\$ 112,660,305	\$ 108,688,826		\$ 109,120,045	
d. Children with Special Healthcare Needs	\$ 26,738,381	\$ 25,826,844	\$ 27,190,006		\$ 25,015,256	
e. Others	\$ 13,827,429	\$ 24,063,120	\$ 22,571,379		\$ 23,306,956	
f. Administration	\$ 630,010	\$ 782,516	\$ 714,029		\$ 757,926	
g. SUBTOTAL	\$ 231,185,887	\$ 242,734,132	\$ 240,220,723	\$ 0	\$ 235,106,406	\$ 0
<b>II. Other Federal Funds (under the control of the person responsible for administration of the Title V program).</b>						
a. SPRANS	\$ 0		\$ 0		\$ 0	
b. SSDI	\$ 103,350		\$ 101,859		\$ 112,760	
c. CISS	\$ 138,824		\$ 176,915		\$ 107,142	
d. Abstinence Education	\$ 0		\$ 0		\$ 0	
e. Healthy Start	\$ 2,608,484		\$ 2,597,598		\$ 2,621,768	
f. EMSC	\$ 0		\$ 0		\$ 0	
g. WIC	\$ 174,170,170		\$ 200,421,375		\$ 220,639,460	
h. AIDS	\$ 0		\$ 457,900		\$ 40,268	
i. CDC	\$ 7,758,871		\$ 8,020,589		\$ 12,225,834	
j. Education	\$ 0		\$ 0		\$ 0	
k. Other						
CACFP/SFP	\$ 0		\$ 90,293,562		\$ 90,245,482	
CHIP	\$ 0		\$ 506,131		\$ 507,380	
MCHB	\$ 934,672		\$ 1,002,168		\$ 1,158,757	
Medicaid FFP	\$ 0		\$ 3,045,391		\$ 2,034,819	
SAMHSA	\$ 0		\$ 0		\$ 643,034	
SAPT BG	\$ 0		\$ 37,779		\$ 37,779	
TANF	\$ 2,758,080		\$ 2,948,080		\$ 2,950,000	
Title X (FP)	\$ 0		\$ 8,834,550		\$ 8,386,233	
CCDev	\$ 0		\$ 61,721		\$ 0	
Soc Svcs BG	\$ 0		\$ 100,000		\$ 0	
CACFP	\$ 107,848,178		\$ 0		\$ 0	
Child Dev. BG	\$ 274,796		\$ 0		\$ 0	
Medicaid Admin	\$ 2,723,975		\$ 0		\$ 0	
Non-Title V Ind Cost	\$ 346,940		\$ 0		\$ 0	
SAPT Block Grant	\$ 37,779		\$ 0		\$ 0	
SCHIP	\$ 497,654		\$ 0		\$ 0	
Title X FP	\$ 8,850,653		\$ 0		\$ 0	
<b>III. SUBTOTAL</b>						



	\$ 309,052,426	\$ 318,605,618	\$ 341,710,716
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## FORM NOTES FOR FORM 4

None

### FIELD LEVEL NOTES

- 1. Section Number:** Form4\_I. Federal-State MCH Block Grant Partnership  
**Field Name:** PregWomenExpended  
**Row Name:** Pregnant Women  
**Column Name:** Expended  
**Year:** 2008  
**Field Note:**  
Medicaid payments to local health departments for prenatal care increased significantly in 2007-08 over anticipated amounts.
- 2. Section Number:** Form4\_I. Federal-State MCH Block Grant Partnership  
**Field Name:** Children\_0\_1Expended  
**Row Name:** Infants <1 year old  
**Column Name:** Expended  
**Year:** 2009  
**Field Note:**  
The increase in amount expended for infants compared to budget was due to the rise in infant formula rebate expenditures in the WIC program.
- 3. Section Number:** Form4\_I. Federal-State MCH Block Grant Partnership  
**Field Name:** Children\_0\_1Expended  
**Row Name:** Infants <1 year old  
**Column Name:** Expended  
**Year:** 2008  
**Field Note:**  
The primary reason for increased expenditures for infants was a larger amount of infant formula rebates in 2007-08 to support the WIC program.
- 4. Section Number:** Form4\_I. Federal-State MCH Block Grant Partnership  
**Field Name:** Children\_1\_22Expended  
**Row Name:** Children 1 to 22 years old  
**Column Name:** Expended  
**Year:** 2008  
**Field Note:**  
Increases in expenditures for children aged 1-22 were attributable to 1) greater state funding for school nurses and vaccines for children; 2) higher expenditures of infant formula rebates to support the WIC program that were for serving young children; and 3) higher Medicaid payments to local health departments for dental health services for children, and primary/preventive health services to children.
- 5. Section Number:** Form4\_I. Federal-State MCH Block Grant Partnership  
**Field Name:** AllOthersExpended  
**Row Name:** All Others  
**Column Name:** Expended  
**Year:** 2009  
**Field Note:**  
The amount estimated for the budget for "all others" was based on not having the ability for the WIC program to differentiate between pregnant and non-pregnant WIC recipients. By the time the expenditures were recorded, this breakdown was available, and the amount expended for "all others" reflected actual expenditures for non-pregnant women.
- 6. Section Number:** Form4\_I. Federal-State MCH Block Grant Partnership  
**Field Name:** AllOthersExpended  
**Row Name:** All Others  
**Column Name:** Expended  
**Year:** 2008  
**Field Note:**  
Increases in expenditures for others are attributable to higher expenditures of infant formula rebates to support the WIC program that were for serving post partum women and higher expenditures for family planning.
- 7. Section Number:** Form4\_I. Federal-State MCH Block Grant Partnership  
**Field Name:** AdminExpended  
**Row Name:** Administration  
**Column Name:** Expended  
**Year:** 2009  
**Field Note:**  
Administrative expenditures were greater than expected in the budget due to the way personnel costs are accounted for in the cost allocation plan approved for the Division of Public Health.
- 8. Section Number:** Form4\_I. Federal-State MCH Block Grant Partnership  
**Field Name:** AdminExpended  
**Row Name:** Administration  
**Column Name:** Expended  
**Year:** 2008  
**Field Note:**  
The expenditures reflect a new method employed for allocating indirect costs used by the Division of Public Health.

**FORM 5**  
**STATE TITLE V PROGRAM BUDGET AND EXPENDITURES BY TYPES OF SERVICES**

[Secs. 505(a)(2)(A-B) and 506(a)(1)(A-D)]

**STATE: NC**

TYPE OF SERVICE	FY 2006		FY 2007		FY 2008	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
<b>I. Direct Health Care Services</b> (Basic Health Services and Health Services for CSHCN.)	\$ 69,034,533	\$ 84,347,084	\$ 71,900,175	\$ 96,602,092	\$ 82,991,484	\$ 95,955,841
<b>II. Enabling Services</b> (Transportation, Translation, Outreach, Respite Care, Health Education, Family Support Services, Purchase of Health Insurance, Case Management, and Coordination with Medicaid, WIC, and Education.)	\$ 77,462,984	\$ 74,161,099	\$ 79,774,187	\$ 91,117,143	\$ 72,969,205	\$ 97,812,368
<b>III. Population-Based Services</b> (Newborn Screening, Lead Screening, Immunization, Sudden Infant Death Syndrome Counseling, Oral Health, Injury Prevention, Nutrition, and Outreach/Public Education.)	\$ 21,294,684	\$ 28,258,373	\$ 24,402,430	\$ 35,745,430	\$ 27,804,213	\$ 38,625,796
<b>IV. Infrastructure Building Services</b> (Needs Assessment, Evaluation, Planning, Policy Development, Coordination, Quality Assurance, Standards Development, Monitoring, Training, Applied Research, Systems of Care, and Information Systems.)	\$ 6,563,047	\$ 8,922,816	\$ 8,368,671	\$ 8,983,843	\$ 8,779,412	\$ 10,059,697
<b>V. Federal-State Title V Block Grant Partnership Total</b> (Federal-State Partnership only. Item 15g of SF 42r. For the "Budget" columns this is the same figure that appears in Line 8, Form 2, and in the "Budgeted" columns of Line 7 Form 3. For the "Expended" columns this is the same figure that appears in the "Expended" columns of Line 7, Form 3.)	\$ 174,355,248	\$ 195,689,372	\$ 184,445,463	\$ 232,448,508	\$ 192,544,314	\$ 242,453,702

**FORM 5**  
**STATE TITLE V PROGRAM BUDGET AND EXPENDITURES BY TYPES OF SERVICES**

[Secs. 505(a)(2)(A-B) and 506(a)(1)(A-D)]

**STATE: NC**

TYPE OF SERVICE	FY 2009		FY 2010		FY 2011	
	BUDGETED	EXPENDED	BUDGETED	EXPENDED	BUDGETED	EXPENDED
<b>I. Direct Health Care Services</b> (Basic Health Services and Health Services for CSHCN.)	\$ 96,077,366	\$ 97,978,632	\$ 95,072,095	\$	\$ 94,899,732	\$
<b>II. Enabling Services</b> (Transportation, Translation, Outreach, Respite Care, Health Education, Family Support Services, Purchase of Health Insurance, Case Management, and Coordination with Medicaid, WIC, and Education.)	\$ 90,622,210	\$ 96,471,027	\$ 96,911,524	\$	\$ 93,439,502	\$
<b>III. Population-Based Services</b> (Newborn Screening, Lead Screening, Immunization, Sudden Infant Death Syndrome Counseling, Oral Health, Injury Prevention, Nutrition, and Outreach/Public Education.)	\$ 35,551,267	\$ 36,773,017	\$ 38,270,056	\$	\$ 35,617,454	\$
<b>IV. Infrastructure Building Services</b> (Needs Assessment, Evaluation, Planning, Policy Development, Coordination, Quality Assurance, Standards Development, Monitoring, Training, Applied Research, Systems of Care, and Information Systems.)	\$ 8,935,044	\$ 11,511,456	\$ 9,967,048	\$	\$ 11,149,718	\$
<b>V. Federal-State Title V Block Grant Partnership Total</b> (Federal-State Partnership only. Item 15g of SF 42r. For the "Budget" columns this is the same figure that appears in Line 8, Form 2, and in the "Budgeted" columns of Line 7 Form 3. For the "Expended" columns this is the same figure that appears in the "Expended" columns of Line 7, Form 3.)	\$ 231,185,887	\$ 242,734,132	\$ 240,220,723	\$ 0	\$ 235,106,406	\$ 0

## FORM NOTES FOR FORM 5

None

### FIELD LEVEL NOTES

1. **Section Number:** Form5\_Main  
**Field Name:** DirectHCExpended  
**Row Name:** Direct Health Care Services  
**Column Name:** Expended  
**Year:** 2008  
**Field Note:**  
The primary reason for increased expenditures for direct health care was the increase overall in Medicaid payments to local health departments for maternal and child health services.
2. **Section Number:** Form5\_Main  
**Field Name:** EnablingExpended  
**Row Name:** Enabling Services  
**Column Name:** Expended  
**Year:** 2008  
**Field Note:**  
Large increases in Medicaid reimbursed case management services in local health departments were observed in 2007-08 in comparison to budgeted amounts. Increases in WIC infant formula increases made up the balance of the difference.
3. **Section Number:** Form5\_Main  
**Field Name:** PopBasedExpended  
**Row Name:** Population-Based Services  
**Column Name:** Expended  
**Year:** 2008  
**Field Note:**  
Increases in expenditures in population-based services were attributable to greater state funding for school nurses and vaccines for children.
4. **Section Number:** Form5\_Main  
**Field Name:** InfrastrBuildExpended  
**Row Name:** Infrastructure Building Services  
**Column Name:** Expended  
**Year:** 2009  
**Field Note:**  
The increase in expenditures for infrastructure were attributable to increases in state funds available in a number of programs in FY09, and to increases in state expenditures for cost-allocated positions in the DPH.
5. **Section Number:** Form5\_Main  
**Field Name:** InfrastrBuildExpended  
**Row Name:** Infrastructure Building Services  
**Column Name:** Expended  
**Year:** 2008  
**Field Note:**  
The primary change occurring in 2007-08 was the re-allocation of state funds for the administration of the statewide immunization registry, which was moved from a different category of this plan.

**FORM 6**

**NUMBER AND PERCENTAGE OF NEWBORNS AND OTHERS SCREENED, CASES CONFIRMED, AND TREATED**

*Sect. 506(a)(2)(B)(iii)*

**STATE: NC**

**Total Births by Occurrence:** 130,403

**Reporting Year: 2008**

Type of Screening Tests	(A) Receiving at least one Screen (1)		(B) No. of Presumptive Positive Screens	(C) No. Confirmed Cases (2)	(D) Needing Treatment that Received Treatment (3)	
	No.	%			No.	%
Phenylketonuria	130,403	100	4	4	4	100
Congenital Hypothyroidism	130,403	100	183	57	57	100
Galactosemia	130,403	100	17	9	9	100
Sickle Cell Disease	130,403	100	114	114	114	100
<b>Other Screening (Specify)</b>						
Biotinidase Deficiency	130,403	100	3	1	1	100
Other	130,403	100	18	18	18	100
21-Hydroxylase Deficient Congenital Adrenal Hyperplasia	130,403	100	214	5	5	100
Medium-Chain Acyl-CoA Dehydrogenase Deficiency	130,403	100	10	10	10	100
<b>Screening Programs for Older Children &amp; Women (Specify Tests by name)</b>						
(1) Use occurrent births as denominator.						
(2) Report only those from resident births.						
(3) Use number of confirmed cases as denominator.						

## FORM NOTES FOR FORM 6

None

### FIELD LEVEL NOTES

- 1. Section Number:** Form6\_Main  
**Field Name:** Phenylketonuria\_Presumptive  
**Row Name:** Phenylketonuria  
**Column Name:** Presumptive positive screens  
**Year:** 2011  
**Field Note:**  
The presumptive positive number on the MS/MS disorders is not available as the State Lab is looking at multiple analytes rather than a single analyte in MS/MS disorders. The number 4 has been put in since a value is required, but that's actually the number of confirmed cases.
- 2. Section Number:** Form6\_Main  
**Field Name:** Phenylketonuria\_Confirmed  
**Row Name:** Phenylketonuria  
**Column Name:** Confirmed Cases  
**Year:** 2011  
**Field Note:**  
The presumptive positive number on the MS/MS disorders is not available as the State Lab is looking at multiple analytes rather than a single analyte in MS/MS disorders. The number 4 has been put in since a value is required, but that's actually the number of confirmed cases.
- 3. Section Number:** Form6\_Main  
**Field Name:** SickleCellDisease\_Confirmed  
**Row Name:** SickleCellDisease  
**Column Name:** Confirmed Cases  
**Year:** 2011  
**Field Note:**  
The number of confirmed cases is equal to the number of presumptive positive screens. The screening test is highly specific and sensitive, thus this is to be expected.
- 4. Section Number:** Form6\_Other Screening Types  
**Field Name:** Other  
**Row Name:** All Rows  
**Column Name:** All Columns  
**Year:** 2011  
**Field Note:**  
The presumptive positive number on the MS/MS disorders is not available as the State Lab is looking at multiple analytes rather than a single analyte in MS/MS disorders. The number of confirmed cases has been put in as a value since one is required.  
  
This also applies to the Other category as the number of presumptive positives is not known. This category includes the following tests: SCAD, VLCAD, IVA, IBDD, GA-1, TFPD, 3-MCC, HPA, and MSUD.

**FORM 7**  
**NUMBER OF INDIVIDUALS SERVED (UNDULICATED) UNDER TITLE V**  
**(BY CLASS OF INDIVIDUALS AND PERCENT OF HEALTH COVERAGE)**

[Sec. 506(a)(2)(A)(i-ii)]

**STATE: NC**

Reporting Year: 2008

Types of Individuals Served	TITLE V	PRIMARY SOURCES OF COVERAGE				
	(A) Total Served	(B) Title XIX %	(C) Title XXI %	(D) Private/Other %	(E) None %	(F) Unknown %
Pregnant Women	61,861	71.1	0.0	1.8	27.1	0.0
Infants < 1 year old	134,248	59.8	0.0	28.9	11.3	0.0
Children 1 to 22 years old	109,542	69.4	0.0	9.4	21.2	0.0
Children with Special Healthcare Needs	51,124	73.4	0.0	14.0	12.6	0.0
Others	126,191	34.9	0.0	6.0	59.1	0.0
<b>TOTAL</b>	<b>482,966</b>					



**FORM NOTES FOR FORM 7**

Data are a mix of service data for CY09, CY08, CY07, and FY09. This is an undercount of people served as the data were taken mostly from the Health Services Information System (local health department reporting and billing system) and additional persons were served through contracts with other providers who did not enter data into HSIS.

**FIELD LEVEL NOTES**

None

**FORM 8**  
**DELIVERIES AND INFANTS SERVED BY TITLE V AND ENTITLED TO BENEFITS UNDER TITLE**  
**XIX**  
**(BY RACE AND ETHNICITY)**  
[SEC. 506(A)(2)(C-D)]  
**STATE: NC**

Reporting Year: 2008

**I. UNDUPLICATED COUNT BY RACE**

	(A) Total All Races	(B) White	(C) Black or African American	(D) American Indian or Native Alaskan	(E) Asian	(F) Native Hawaiian or Other Pacific Islander	(G) More than one race reported	(H) Other and Unknown
<b>DELIVERIES</b>								
Total Deliveries in State	130,758	93,228	31,325	1,782	4,018	30	0	375
Title V Served	61,861	44,106	14,820	843	1,901	14	0	177
Eligible for Title XIX	80,263	32,252	25,170	1,199	1,043	160	0	20,439
<b>INFANTS</b>								
Total Infants in State	134,248	90,968	34,037	2,128	2,932	180	4,003	0
Title V Served	134,248	90,968	34,037	2,128	2,932	180	4,003	0
Eligible for Title XIX	80,263	32,252	25,170	1,199	1,043	160	0	20,439

**II. UNDUPLICATED COUNT BY ETHNICITY**

				<b>HISPANIC OR LATINO (Sub-categories by country or area of origin)</b>				
	(A) Total NOT Hispanic or Latino	(B) Total Hispanic or Latino	(C) Ethnicity Not Reported	(B.1) Mexican	(B.2) Cuban	(B.3) Puerto Rican	(B.4) Central and South American	(B.5) Other and Unknown
<b>DELIVERIES</b>								
Total Deliveries in State	108,978	21,619	161	15,175	208	1,104	4,944	188
Title V Served	51,557	10,228	76					
Eligible for Title XIX	35,200	16,777	28,286					
<b>INFANTS</b>								
Total Infants in State	110,904	23,344	0					
Title V Served	110,904	23,344	0					
Eligible for Title XIX	35,200	16,777	28,286					

## FORM NOTES FOR FORM 8

None

### FIELD LEVEL NOTES

1. **Section Number:** Form8\_I. Unduplicated Count By Race  
**Field Name:** DeliveriesTotal\_More  
**Row Name:** Total Deliveries in State  
**Column Name:** More Than One Race Reported  
**Year:** 2011  
**Field Note:**  
More than one race is not recorded by Vital Statistics.
2. **Section Number:** Form8\_II. Unduplicated Count by Ethnicity  
**Field Name:** DeliveriesTitleV\_TotalHispanic  
**Row Name:** Title V Served  
**Column Name:** Total Hispanic or Latino  
**Year:** 2011  
**Field Note:**  
Total Hispanic data value is estimated based on percentage of population as a whole. Specific subcategories are not available.
3. **Section Number:** Form8\_II. Unduplicated Count by Ethnicity  
**Field Name:** DeliveriesTitleXIX\_TotalHispanic  
**Row Name:** Eligible for Title XIX  
**Column Name:** Total Hispanic or Latino  
**Year:** 2011  
**Field Note:**  
Data are taken from a Medicaid report that doesn't provide subcategories of Hispanic ethnicity.
4. **Section Number:** Form8\_II. Unduplicated Count by Ethnicity  
**Field Name:** InfantsTotal\_TotalHispanic  
**Row Name:** Total Infants in State  
**Column Name:** Total Hispanic or Latino  
**Year:** 2011  
**Field Note:**  
Total Hispanic data value is estimated based on percentage of population as a whole. Specific subcategories are not available.
5. **Section Number:** Form8\_II. Unduplicated Count by Ethnicity  
**Field Name:** InfantsTitleV\_TotalHispanic  
**Row Name:** Title V Served  
**Column Name:** Total Hispanic or Latino  
**Year:** 2011  
**Field Note:**  
Total Hispanic data value is estimated based on percentage of population as a whole. Specific subcategories are not available.
6. **Section Number:** Form8\_II. Unduplicated Count by Ethnicity  
**Field Name:** InfantsTitleXIX\_TotalHispanic  
**Row Name:** Eligible for Title XIX  
**Column Name:** Total Hispanic or Latino  
**Year:** 2011  
**Field Note:**  
Data are taken from a Medicaid report that doesn't provide subcategories of Hispanic ethnicity.

**FORM 9**  
**STATE MCH TOLL-FREE TELEPHONE LINE DATA FORM (OPTIONAL)**  
[SECS. 505(A)(E) AND 509(A)(8)]  
**STATE: NC**

	FY 2011	FY 2010	FY 2009	FY 2008	FY 2007
1. State MCH Toll-Free "Hotline" Telephone Number	_____	_____	_____	_____	_____
2. State MCH Toll-Free "Hotline" Name	_____	_____	_____	_____	_____
3. Name of Contact Person for State MCH "Hotline"	_____	_____	_____	_____	_____
4. Contact Person's Telephone Number	_____	_____	_____	_____	_____
5. Contact Person's Email	_____	_____	_____	_____	_____
6. Number of calls received on the State MCH "Hotline" this reporting period	_____ 0	_____ 0	_____ 0	_____ 0	_____ 0

**FORM 9**  
**STATE MCH TOLL-FREE TELEPHONE LINE DATA FORM**  
[SECS. 505(A)(E) AND 509(A)(8)]  
**STATE: NC**

	<b>FY 2011</b>	<b>FY 2010</b>	<b>FY 2009</b>	<b>FY 2008</b>	<b>FY 2007</b>
1. State MCH Toll-Free "Hotline" Telephone Number	<u>1-800-FOR-BABY</u>	<u>1-800-FOR-BABY</u>	<u>1-800-FOR-BABY</u>	<u>1-800-FOR-BABY</u>	<u>1-800-FOR-BABY</u>
2. State MCH Toll-Free "Hotline" Name	NC Family Health Resource Line	NC Family Health Resource Line	NC Family Health Resource Line	NC Family Health Resource Line	NC Family Health Resource Line
3. Name of Contact Person for State MCH "Hotline"	<u>Marshall Tyson</u>	<u>Louis Cook</u>	<u>Louis Cook</u>	<u>Louis Cook</u>	<u>Louis Cook</u>
4. Contact Person's Telephone Number	<u>919-707-5640</u>	<u>919-807-3007</u>	<u>919-807-3007</u>	<u>919-807-3007</u>	<u>919-807-3007</u>
5. Contact Person's Email	<u>marshall.tyson@dhhs.nc.</u>	<u>louis_cook@unc.edu</u>	<u></u>	<u></u>	<u></u>
6. Number of calls received on the State MCH "Hotline" this reporting period	<u>0</u>	<u>0</u>	<u>32,471</u>	<u>37,112</u>	<u>35,193</u>

**FORM NOTES FOR FORM 9**

None

**FIELD LEVEL NOTES**

1. **Section Number:** Form9\_Main

**Field Name:** calls\_2

**Row Name:** Number of calls received On the State MCH Hotline This reporting period

**Column Name:** FY

**Year:** 2009

**Field Note:**

This is an 11-month total, as the Resource Line did not operate during the month of July 2009 due to budget reductions. If the number was annualized for comparison, it would be 35,422.

**FORM 10**  
**TITLE V MATERNAL & CHILD HEALTH SERVICES BLOCK GRANT**  
**STATE PROFILE FOR FY 2011**  
[SEC. 506(A)(1)]  
**STATE: NC**

1. State MCH Administration:  
(max 2500 characters)

The Title V Maternal and Child Health Block Grant is administered by the NC Department of Health and Human Services, Division of Public Health, Women's and Children's Health Section (WCHS). Programs and services within the WCHS's administrative control include: Maternal Health Services, Women's Preventive Health Services (including the Title X Program), Children's Preventive Health Services, Children's Specialized Health Services, Genetic Services, Immunization Services, Early Intervention Services, and Nutrition Services (including the Special Supplemental Nutrition Program for Women, Infants, and Children [WIC], Child and Adult Care Food Program, and Summer Food Service Program for Children).

Block Grant Funds

2. Federal Allocation (Line 1, Form 2)	\$ 16,614,558
3. Unobligated balance (Line 2, Form 2)	\$ 0
4. State Funds (Line 3, Form 2)	\$ 50,812,077
5. Local MCH Funds (Line 4, Form 2)	\$ 0
6. Other Funds (Line 5, Form 2)	\$ 65,575,818
7. Program Income (Line 6, Form 2)	\$ 102,103,953
<b>8. Total Federal-State Partnership (Line 8, Form 2)</b>	<b>\$ 235,106,406</b>

9. Most significant providers receiving MCH funds:

Local Health Departments
Hospitals and Health Care Centers
Health Care Professionals

10. Individuals served by the Title V Program (Col. A, Form 7)

a. Pregnant Women	61,861
b. Infants < 1 year old	134,248
c. Children 1 to 22 years old	109,542
d. CSHCN	51,124
e. Others	126,191

11. Statewide Initiatives and Partnerships:

a. Direct Medical Care and Enabling Services:  
(max 2500 characters)

The Child Service Coordination Program assures that children and their families have access to care coordination services. CSC services are an entitlement for children eligible under the Individuals with Disabilities Act. Child Service Coordinators work cooperatively with a wide range of health and social service providers across the state. Maternity Care Coordination is provided as part of the Baby Love Program. Baby Love is co-administered by the WCHS and the Division of Medical Assistance, both within the Department of Health and Human Services.

b. Population-Based Services:  
(max 2500 characters)

The Child Fatality Task Force is a legislative study commission established in 1991. The mission is to study the causes of child deaths and child abuse in the state. Staff are housed in the WCHS. Task Force members represent advocacy groups, elected officials, governmental health and social services agencies, the General Assembly, and the public. The Healthy Child North Carolina Campaign is a public education and public awareness program designed to enhance health and safety conditions for children in regulated child care settings. The initiative is sponsored by the WCHS, the North Carolina Pediatric Society, and the Division of Child Development.

c. Infrastructure Building Services:  
(max 2500 characters)

Health Beginnings funds community-based infant mortality reduction projects with the express purpose of reducing racial disparities in infant mortality. In 1992, the state legislature authorized the Section to oversee funding of Comprehensive Adolescent Health Care Projects. These are community-based projects to increase access to comprehensive health care services for youth ages 10 to 19 within school-based and school-linked centers.

12. The primary Title V Program contact person:

Name	Kevin Ryan
Title	Chief, Women's and Children's Health Section
Address	WCHS/DPH MSC 1928
City	Raleigh
State	North Carolina
Zip	27699-1928

13. The children with special health care needs (CSHCN) contact person:

Name	Carol Tant
Title	Head, Children and Youth Branch
Address	WCHS/DPH MSC 1928
City	Raleigh
State	North Carolina
Zip	27699-1928

Phone 919-707-5512  
Fax 919-870-4828  
Email kevin.ryan@dhhs.nc.gov  
Web wch.dhhs.state.nc.us

Phone 919-707-5610  
Fax 919-870-4880  
Email carol.tant@dhhs.nc.gov  
Web wch.dhhs.state.nc.us



**FORM NOTES FOR FORM 10**

None

**FIELD LEVEL NOTES**

None

**FORM 11**  
**TRACKING PERFORMANCE MEASURES**  
[SECS 485 (2)(2)(B)(iii) AND 486 (A)(2)(A)(iii)]  
**STATE: NC**

**Form Level Notes for Form 11**

None

**PERFORMANCE MEASURE # 01**

The percent of screen positive newborns who received timely follow up to definitive diagnosis and clinical management for condition(s) mandated by their State-sponsored newborn screening programs.

<b>Annual Objective and Performance Data</b>					
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Performance Objective</b>	100	100	100	100	100
<b>Annual Indicator</b>	100.0	100.0	100.0	100.0	100.0
<b>Numerator</b>	230	242	220	257	219
<b>Denominator</b>	230	242	220	257	219
<b>Data Source</b>				NC State Laboratory of Public Health	NC State Laboratory of Public Health
<p>Check this box if you cannot report the numerator because</p> <p>1. There are fewer than 5 events over the last year, and</p> <p>2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.</p> <p>(Explain data in a year note. See Guidance, Appendix IX.)</p>					
<b>Is the Data Provisional or Final?</b>				Final	Final

<b>Annual Objective and Performance Data</b>					
	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Annual Performance Objective</b>	100	100	100	100	100
<b>Annual Indicator</b>					
<b>Numerator</b>					
<b>Denominator</b>					

**Field Level Notes**

**1. Section Number:** Form11\_Performance Measure #1

**Field Name:** PM01

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Appropriate follow-up as defined by NC is provided to all newborns who are screened and confirmed with conditions mandated through the NC Metabolic Screening Program. These data are for CY08 and include testing for the following: Phenylketonuria, Congenital Hypothyroidism, Galactosemia, Sickle Cell Disease, Congenital Adrenal Hyperplasia (CAH), Medium Chain AcylCo-A Dehydrogenase (MCAD), 3-MCC, Biotinidase Deficiency, Short Chain AcylCo-A Dehydrogenase (SCAD), GA-I, VLCAD, IVA, MSUD, IBDD, TFPD, and HPA.

**2. Section Number:** Form11\_Performance Measure #1

**Field Name:** PM01

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Appropriate follow-up as defined by NC is provided to all newborns who are screened and confirmed with conditions mandated through the NC Metabolic Screening Program. These data are for CY07 and include testing for the following: Phenylketonuria, Congenital Hypothyroidism, Galactosemia, Sickle Cell Disease, MMA, Congenital Adrenal Hyperplasia (CAH), Medium Chain AcylCo-A Dehydrogenase (MCAD), 3-MCC, Biotinidase Deficiency, Short Chain AcylCo-A Dehydrogenase (SCAD), CPT-II, PPA, IVA, GA-I, GA-II, 2-MBD, Tyrosinemia Type II, and Homocystinuria (HCY), VLCAD, LCHAD, MSUD, Citri-1, Met, IBD, CBLA,B, and ASA.

**3. Section Number:** Form11\_Performance Measure #1

**Field Name:** PM01

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Appropriate follow-up as defined by NC is provided to all newborns who are screened and confirmed with conditions mandated through the NC Metabolic Screening Program. These data are for CY06 and include testing for the following: Phenylketonuria, Congenital Hypothyroidism, Galactosemia, Sickle Cell Disease, MMA, Congenital Adrenal Hyperplasia (CAH), Medium Chain AcylCo-A Dehydrogenase (MCAD), 3-MCC, Biotinidase Deficiency, Short Chain AcylCo-A Dehydrogenase (SCAD), CPT-II, PPA, IVA, GA-I, GA-II, 2-MBD, Tyrosinemia Type II, and Homocystinuria (HCY).

**PERFORMANCE MEASURE # 02**

The percent of children with special health care needs age 0 to 18 years whose families partner in decision making at all levels and are satisfied with the services they receive. (CSHCN survey)

	<b>Annual Objective and Performance Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Performance Objective</b>	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>
<b>Annual Indicator</b>	<u>65.3</u>	<u>65.3</u>	<u>58.3</u>	<u>58.3</u>	<u>58.3</u>
<b>Numerator</b>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<b>Denominator</b>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<b>Data Source</b>				2005-06 CSHCN SLAITS Survey.	2005-06 CSHCN SLAITS Survey.
<b>Check this box if you cannot report the numerator because</b> <b>1. There are fewer than 5 events over the last year, and</b> <b>2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.</b> <i>(Explain data in a year note. See Guidance, Appendix IX.)</i>					
<b>Is the Data Provisional or Final?</b>				Final	Final

	<b>Annual Objective and Performance Data</b>				
	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Annual Performance Objective</b>	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>	<u>75</u>
<b>Annual Indicator</b>					
<b>Numerator</b>					
<b>Denominator</b>					

**Field Level Notes**

1. **Section Number:** Form11\_Performance Measure #2

**Field Name:** PM02

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

The data reported in 2008 are pre-populated with the data from 2007 for this performance measure as there are no additional state data sources for this measure.

2. **Section Number:** Form11\_Performance Measure #2

**Field Name:** PM02

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

The data reported in 2008 are pre-populated with the data from 2007 for this performance measure as there are no additional state data sources for this measure.

3. **Section Number:** Form11\_Performance Measure #2

**Field Name:** PM02

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Indicator data comes from the National Survey of CSHCN, conducted by HRSA and CDC, 2005-2006. The same questions were used to generate the NPM02 indicator for both the 2001 and the 2005-2006 CSHCN survey.

**PERFORMANCE MEASURE # 03**

The percent of children with special health care needs age 0 to 18 who receive coordinated, ongoing, comprehensive care within a medical home. (CSHCN Survey)

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	75	75	75	75	75
Annual Indicator	55.6	55.6	46.5	46.5	46.5
Numerator					
Denominator					
Data Source				2005-06 CSHCN SLAITS Survey	2005-06 CSHCN SLAITS Survey
Check this box if you cannot report the numerator because					
1. There are fewer than 5 events over the last year, and					
2. The average number of events over the last 3 years is fewer					
than 5 and therefore a 3-year moving average cannot be					
applied.					
(Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

	<u>Annual Objective and Performance Data</u>				
	2010	2011	2012	2013	2014
Annual Performance Objective	75	75	75	75	75
Annual Indicator					
Numerator					
Denominator					

**Field Level Notes****1. Section Number:** Form11\_Performance Measure #3**Field Name:** PM03**Row Name:****Column Name:****Year:** 2009**Field Note:**

The data reported in 2008 are pre-populated with the data from 2007 for this performance measure as there are no additional state data sources for this measure. This data point is not comparable to the results of the 2001 CSHCN SLAITS Survey.

**2. Section Number:** Form11\_Performance Measure #3**Field Name:** PM03**Row Name:****Column Name:****Year:** 2008**Field Note:**

The data reported in 2008 are pre-populated with the data from 2007 for this performance measure as there are no additional state data sources for this measure. This data point is not comparable to the results of the 2001 CSHCN SLAITS Survey.

**3. Section Number:** Form11\_Performance Measure #3**Field Name:** PM03**Row Name:****Column Name:****Year:** 2007**Field Note:**

Indicator data comes from the National Survey of CSHCN, conducted by HRSA and CDC, 2005-2006. Compared to the 2001 CSHCN survey, there were wording changes, skip pattern revisions and additions to the questions used to generate the NPM03 indicator for the 2005-2006 CSHCN survey. The data for the two surveys are not comparable for PM #03.

**PERFORMANCE MEASURE # 04**

The percent of children with special health care needs age 0 to 18 whose families have adequate private and/or public insurance to pay for the services they need. (CSHCN Survey)

	<b>Annual Objective and Performance Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Performance Objective</b>	80	80	80	80	80
<b>Annual Indicator</b>	57.3	57.3	63.7	63.7	63.7
<b>Numerator</b>					
<b>Denominator</b>					
<b>Data Source</b>				2005-06 CSHCN SLAITS Survey	2005-06 CSHCN SLAITS Survey
Check this box if you cannot report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)					
<b>Is the Data Provisional or Final?</b>				Final	Final

	<b>Annual Objective and Performance Data</b>				
	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Annual Performance Objective</b>	80	80	80	80	80
<b>Annual Indicator</b>					
<b>Numerator</b>					
<b>Denominator</b>					

**Field Level Notes**

1. **Section Number:** Form11\_Performance Measure #4

**Field Name:** PM04

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

The data reported in 2008 are pre-populated with the data from 2007 for this performance measure as there are no additional state data sources for this measure.

2. **Section Number:** Form11\_Performance Measure #4

**Field Name:** PM04

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

The data reported in 2008 are pre-populated with the data from 2007 for this performance measure as there are no additional state data sources for this measure.

3. **Section Number:** Form11\_Performance Measure #4

**Field Name:** PM04

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Indicator data comes from the National Survey of CSHCN, conducted by HRSA and CDC, 2005-2006. The same questions were used to generate the NPM04 indicator for both the 2001 and the 2005-2006 CSHCN survey.

**PERFORMANCE MEASURE # 05**

Percent of children with special health care needs age 0 to 18 whose families report the community-based service systems are organized so they can use them easily. (CSHCN Survey)

	<b>Annual Objective and Performance Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Performance Objective</b>	90	90	90	90	90
<b>Annual Indicator</b>	80.6	80.6	89.3	89.3	89.3
<b>Numerator</b>					
<b>Denominator</b>					
<b>Data Source</b>				2005-06 CSHCN SLAITS Survey	2005-06 CSHCN SLAITS Survey
<b>Check this box if you cannot report the numerator because</b> <b>1. There are fewer than 5 events over the last year, and</b> <b>2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.</b> <i>(Explain data in a year note. See Guidance, Appendix IX.)</i>					
<b>Is the Data Provisional or Final?</b>				Final	Final

	<b>Annual Objective and Performance Data</b>				
	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Annual Performance Objective</b>	90	90	90	90	90
<b>Annual Indicator</b>					
<b>Numerator</b>					
<b>Denominator</b>					

**Field Level Notes****1. Section Number:** Form11\_Performance Measure #5**Field Name:** PM05**Row Name:****Column Name:****Year:** 2009**Field Note:**

The data reported in 2008 are pre-populated with the data from 2007 for this performance measure as there are no additional state data sources for this measure. This data point is not comparable to the results of the 2001 CSHCN SLAITS Survey.

**2. Section Number:** Form11\_Performance Measure #5**Field Name:** PM05**Row Name:****Column Name:****Year:** 2008**Field Note:**

The data reported in 2008 are pre-populated with the data from 2007 for this performance measure as there are no additional state data sources for this measure. This data point is not comparable to the results of the 2001 CSHCN SLAITS Survey.

**3. Section Number:** Form11\_Performance Measure #5**Field Name:** PM05**Row Name:****Column Name:****Year:** 2007**Field Note:**

Indicator data comes from the National Survey of CSHCN, conducted by HRSA and CDC, 2005-2006. Compared to the 2001 CSHCN survey, there were revisions to the wording, ordering and the number of the questions used to generate the NPM05 indicator for the 2005-2006 CSHCN survey. The data for the two surveys are not comparable for PM #05.

**PERFORMANCE MEASURE # 06**

The percentage of youth with special health care needs who received the services necessary to make transitions to all aspects of adult life, including adult health care, work, and independence.

<b>Annual Objective and Performance Data</b>					
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Performance Objective</b>	5.8	5.8	5.8	45	45
<b>Annual Indicator</b>	5.8	5.8	39.9	39.9	39.9
<b>Numerator</b>					
<b>Denominator</b>					
<b>Data Source</b>				2005-06 CSHCN SLAITS Survey	2005-06 CSHCN SLAITS Survey
<b>Check this box if you cannot report the numerator because</b> <b>1. There are fewer than 5 events over the last year, and</b> <b>2. The average number of events over the last 3 years is fewer</b> <b>than 5 and therefore a 3-year moving average cannot be</b> <b>applied.</b> <i>(Explain data in a year note. See Guidance, Appendix IX.)</i>					
<b>Is the Data Provisional or Final?</b>				Final	Final

<b>Annual Objective and Performance Data</b>					
	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Annual Performance Objective</b>	45	50	50	50	50
<b>Annual Indicator</b>					
<b>Numerator</b>					
<b>Denominator</b>					

**Field Level Notes**

1. **Section Number:** Form11\_Performance Measure #6

**Field Name:** PM06

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

The data reported in 2008 are pre-populated with the data from 2007 for this performance measure as there are no additional state data sources for this measure. This data point is not comparable to the results of the 2001 CSHCN SLAITS Survey.

2. **Section Number:** Form11\_Performance Measure #6

**Field Name:** PM06

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

The data reported in 2008 are pre-populated with the data from 2007 for this performance measure as there are no additional state data sources for this measure. This data point is not comparable to the results of the 2001 CSHCN SLAITS Survey.

3. **Section Number:** Form11\_Performance Measure #6

**Field Name:** PM06

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Indicator data comes from the National Survey of CSHCN, conducted by HRSA and CDC, 2005-2006. Compared to the 2001 CSHCN survey, there were wording changes, skip pattern revisions, and additions to the questions used to generate the NPM06 indicator for the 2005-2006 CSHCN survey. There were also issues around the reliability of the 2001 data because of the sample size. The data for the two surveys are not comparable for PM #06 and the 2005-2006 may be considered baseline data.

**PERFORMANCE MEASURE # 07**

Percent of 19 to 35 month olds who have received full schedule of age appropriate immunizations against Measles, Mumps, Rubella, Polio, Diphtheria, Tetanus, Pertussis, Haemophilus Influenza, and Hepatitis B.

	Annual Objective and Performance Data				
	2005	2006	2007	2008	2009
Annual Performance Objective	90	90	90	90	90
Annual Indicator	85.2	82.2	82.4	75.1	64
Numerator					
Denominator					
Data Source				National Immunization Survey	National Immunization Survey
Do not report the numerator because: 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.					
Enter a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

Annual Objective and Performance Data					
	2010	2011	2012	2013	2014
Annual Performance Objective	90	90	90	90	90
Annual Indicator					
Numerator					
Denominator					

**Field Level Notes**

1. **Section Number:** Form11\_Performance Measure #7

**Field Name:** PM07

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Data are from the National Immunization Survey for the Q3 2008 to Q2 2009 time period (July 2008 to June 2009). As this is a weighted estimate, data for the numerator and denominator are omitted.

2. **Section Number:** Form11\_Performance Measure #7

**Field Name:** PM07

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Data are from the National Immunization Survey for the Q3 2007 to Q2 2008 time period (July 2007 to June 2008). As this is a weighted estimate, data for the numerator and denominator are omitted.

3. **Section Number:** Form11\_Performance Measure #7

**Field Name:** PM07

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Data are from the National Immunization Survey for the Q3 2006 to Q2 2007 time period (July 2006 to June 2007). As this is a weighted estimate, data for the numerator and denominator are omitted.



**PERFORMANCE MEASURE # 08**

The rate of birth (per 1,000) for teenagers aged 15 through 17 years.

	Annual Objective and Performance Data				
	2005	2006	2007	2008	2009
Annual Performance Objective	26.5	26	26	24	24
Annual Indicator	26.8	26.7	24.6	26.6	25.1
Numerator	4,425	4,519	4,306	4,775	4,730
Denominator	165,361	169,277	175,313	179,620	188,698
Data Source				NC Vital Records. State Demographer Pop Estimates	NC Vital Records. State Demographer Pop Estimates
Do not report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

Annual Objective and Performance Data					
	2010	2011	2012	2013	2014
Annual Performance Objective	24	24	24	24	24
Annual Indicator					
Numerator					
Denominator					

**Field Level Notes**

1. **Section Number:** Form11\_Performance Measure #8

**Field Name:** PM08

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

The data source for the numerator is vital records as reported in the Basic Automated Birth Yearbook for 2007 on the NC State Center for Health Statistics (SCHS) website. The source for the denominator is the State Demographer's Population Estimates obtained through the SCHS query system on the SCHS website.

FY year data are actually the prior calendar year, e.g. FY08 is really CY07.

2. **Section Number:** Form11\_Performance Measure #8

**Field Name:** PM08

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

FY year data are actually the prior calendar year, e.g. FY07 is really CY06.

**PERFORMANCE MEASURE # 09**

Percent of third grade children who have received protective sealants on at least one permanent molar tooth.

<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008
Annual Performance Objective	50	50	50	50
Annual Indicator	43.0	44.0	42.0	45.0
Numerator	33,793	35,453	36,285	36,234
Denominator	78,588	80,574	86,393	80,521
Data Source				DPH Oral Health Section Surveillance System
				DPH Oral Health Section Surveillance System
Check this box if you cannot report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)				
Is the Data Provisional or Final?				Final

<u>Annual Objective and Performance Data</u>				
	2010	2011	2012	2013
Annual Performance Objective	50	50	50	50
Annual Indicator				
Numerator				
Denominator				

**Field Level Notes****1. Section Number:** Form11\_Performance Measure #9**Field Name:** PM09**Row Name:****Column Name:****Year:** 2009**Field Note:**

These data are based on fifth graders, not third graders. In North Carolina, the surveillance system used to measure the percentage of elementary school children who have received protective sealants on at least one permanent molar tooth was set up to measure fifth graders before the national standard was set at third graders. Data collected in an epidemiologic survey conducted in 1986-87 did not show a statistically significant difference between the percentage of third graders and the percentage of fifth graders.

**2. Section Number:** Form11\_Performance Measure #9**Field Name:** PM09**Row Name:****Column Name:****Year:** 2008**Field Note:**

These data are based on fifth graders, not third graders. In North Carolina, the surveillance system used to measure the percentage of elementary school children who have received protective sealants on at least one permanent molar tooth was set up to measure fifth graders before the national standard was set at third graders. Data collected in an epidemiologic survey conducted in 1986-87 did not show a statistically significant difference between the percentage of third graders and the percentage of fifth graders.

**3. Section Number:** Form11\_Performance Measure #9**Field Name:** PM09**Row Name:****Column Name:****Year:** 2007**Field Note:**

These data are based on fifth graders, not third graders. In North Carolina, the surveillance system used to measure the percentage of elementary school children who have received protective sealants on at least one permanent molar tooth was set up to measure fifth graders before the national standard was set at third graders. Data collected in an epidemiologic survey conducted in 1986-87 did not show a statistically significant difference between the percentage of third graders and the percentage of fifth graders.

**PERFORMANCE MEASURE # 10**

The rate of deaths to children aged 14 years and younger caused by motor vehicle crashes per 100,000 children.

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	4	4	4.5	4.5	4
Annual Indicator	5.5	4.7	5.0	4.0	3.0
Numerator	96	82	90	73	54
Denominator	1,731,988	1,751,959	1,788,230	1,823,562	1,829,372
Data Source				NC Vital Records. State Demographer Pop Estimates	NC Vital Records. State Demographer Pop Estimates
Check this box if you cannot report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

	<u>Annual Objective and Performance Data</u>				
	2010	2011	2012	2013	2014
Annual Performance Objective	3	3	3	3	3
Annual Indicator					
Numerator					
Denominator					

**Field Level Notes**

1. **Section Number:** Form11\_Performance Measure #10

**Field Name:** PM10

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Data source for the numerator is NC vital records obtained through the NC Data Query System for Leading Causes of Death on the NC State Center for Health Statistics (SCHS) website. The source for the denominator is the State Demographer's Population Estimates obtained through the SCHS query system on the SCHS website.

Data are for the calendar year preceding the fiscal year (2009 data are for CY2008).

2. **Section Number:** Form11\_Performance Measure #10

**Field Name:** PM10

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Data source for the numerator is NC vital records obtained through the NC Data Query System for Leading Causes of Death on the NC State Center for Health Statistics (SCHS) website. The source for the denominator is the State Demographer's Population Estimates obtained through the SCHS query system on the SCHS website.

Data are for the calendar year preceding the fiscal year (2008 data are for CY2007).

3. **Section Number:** Form11\_Performance Measure #10

**Field Name:** PM10

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Data are for the calendar year preceding the fiscal year (2007 data are for CY2006).

**PERFORMANCE MEASURE # 11**

The percent of mothers who breastfeed their infants at 6 months of age.

Annual Objective and Performance Data					
	2005	2006	2007	2008	2009
Annual Performance Objective		15.5	15.5	16.5	17
Annual Indicator	15.0	15.5	16.2	16.8	17.3
Numerator	11,570	12,379	13,692	14,678	15,436
Denominator	76,949	80,019	84,574	87,504	89,168
Data Source				WIC data - NC Health Services Information System	WIC data - NC Health Services Information System
Do not report the numerator because there are fewer than 5 events over the last year, and the average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.					
Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

<u>Annual Objective and Performance Data</u>					
	2010	2011	2012	2013	2014
Annual Performance Objective	17.5	17.5	17.5	18	18
Annual Indicator					
Numerator					
Denominator					

**Field Level Notes****1. Section Number:** Form11\_Performance Measure #11**Field Name:** PM11**Row Name:****Column Name:****Year:** 2009**Field Note:**

Data are for CY08. CY09 data will be available in March 2011. Calendar year data are delayed due to waiting for the 6 month duration time and including time to verify the data. Data are on WIC participants only as population data are not available.

**2. Section Number:** Form11\_Performance Measure #11**Field Name:** PM11**Row Name:****Column Name:****Year:** 2008**Field Note:**

Data are for CY07. CY08 data will be available in March 2010. Calendar year data are delayed due to waiting for the 6 month duration time and including time to verify the data. Data are on WIC participants only as population data are not available.

**3. Section Number:** Form11\_Performance Measure #11**Field Name:** PM11**Row Name:****Column Name:****Year:** 2007**Field Note:**

Data are for CY06. CY07 data will be available in March 2009. Calendar year data are delayed due to waiting for the 6 month duration time and including time to verify the data. Data are on WIC participants only as population data are not available.

**PERFORMANCE MEASURE # 12**

Percentage of newborns who have been screened for hearing before hospital discharge.

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	90	90	97	97	98
Annual Indicator	87.4	96.8	94.6	94.6	95.2
Numerator	106,880	119,164	123,107	126,258	125,895
Denominator	122,274	123,045	130,067	133,450	132,252
Data Source				WCSWeb Hearing Link	WCSWeb Hearing Link
Check this box if you cannot report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

<u>Annual Objective and Performance Data</u>					
	2010	2011	2012	2013	2014
Annual Performance Objective	98	98	98	98	98
Annual Indicator					
Numerator					
Denominator					

**Field Level Notes****1. Section Number:** Form11\_Performance Measure #12**Field Name:** PM12**Row Name:****Column Name:****Year:** 2009**Field Note:**

Prior to 2005, "before hospital discharge" was operationally defined by WCHS as within 48 hours of birth. However, this operational definition did not take into account babies born by cesarean section and infants admitted to a NICU who have hospital stays of longer than 48 hours. Based on this concern, the operational definition of "before hospital discharge" was changed to include all babies screened for hearing loss within 30 days of birth.

**2. Section Number:** Form11\_Performance Measure #12**Field Name:** PM12**Row Name:****Column Name:****Year:** 2008**Field Note:**

Prior to 2005, "before hospital discharge" was operationally defined by WCHS as within 48 hours of birth. However, this operational definition did not take into account babies born by cesarean section and infants admitted to a NICU who have hospital stays of longer than 48 hours. Based on this concern, the operational definition of "before hospital discharge" was changed to include all babies screened for hearing loss within 30 days of birth.

**3. Section Number:** Form11\_Performance Measure #12**Field Name:** PM12**Row Name:****Column Name:****Year:** 2007**Field Note:**

Prior to 2005, "before hospital discharge" was operationally defined by WCHS as within 48 hours of birth. However, this operational definition did not take into account babies born by cesarean section and infants admitted to a NICU who have hospital stays of longer than 48 hours. Based on this concern, the operational definition of "before hospital discharge" was changed to include all babies screened for hearing loss within 30 days of birth.

**PERFORMANCE MEASURE # 13**

Percent of children without health insurance.

Annual Objective and Performance Data					
	2005	2006	2007	2008	2009
Annual Performance Objective	10	10	10	10	10
Annual Indicator	12.0	11.6	13.1	13.3	11.3
Numerator	266,980	266,110	302,690	310,673	271,600
Denominator	2,231,120	2,299,390	2,314,354	2,340,346	2,407,700
Data Source				Urban Institute & Kaiser Comm Medicaid & Uninsured	Urban Institute & Kaiser Comm Medicaid & Uninsured
I cannot report the numerator because there were fewer than 5 events over the last year, and the average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.					
(Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

Annual Objective and Performance Data					
	2010	2011	2012	2013	2014
Annual Performance Objective	10	10	10	10	10
Annual Indicator					
Numerator					
Denominator					

**Field Level Notes****1. Section Number:** Form11\_Performance Measure #13**Field Name:** PM13**Row Name:****Column Name:****Year:** 2009**Field Note:**FY09 Data Source: Urban Institute and Kaiser Commission on Medicaid and the Uninsured estimates based on pooled March 2008 and 2009 Current Population Surveys for children <18. (CPS: Annual Social and Economic Supplements). Accessed at following url: <http://www.statehealthfacts.org>.**2. Section Number:** Form11\_Performance Measure #13**Field Name:** PM13**Row Name:****Column Name:****Year:** 2008**Field Note:**FY08 Data Source: Urban Institute and Kaiser Commission on Medicaid and the Uninsured estimates based on pooled March 2007 and 2008 Current Population Surveys for children <18. (CPS: Annual Social and Economic Supplements). Accessed at following url: <http://www.statehealthfacts.org>.**3. Section Number:** Form11\_Performance Measure #13**Field Name:** PM13**Row Name:****Column Name:****Year:** 2007**Field Note:**

FY07 Data Source: Urban Institute and Kaiser Commission on Medicaid and the Uninsured estimates based on pooled March 2006 and 2007 Current Population Surveys for children &lt;18. (CPS: Annual Social and Economic Supplements).

**PERFORMANCE MEASURE # 14**

Percentage of children, ages 2 to 5 years, receiving WIC services with a Body Mass Index (BMI) at or above the 85th percentile.

Annual Objective and Performance Data					
	2005	2006	2007	2008	2009
Annual Performance Objective		25	25	25	25
Annual Indicator	30.1	29.3	30.4	31.0	31.6
Numerator	20,837	23,750	27,491	24,719	28,453
Denominator	69,138	80,955	90,390	79,667	89,904
Data Source				NC-NPASS (Nut & PA Surveillance System)	NC-NPASS (Nut & PA Surveillance System)
Check this box if you cannot report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

Annual Objective and Performance Data					
	2010	2011	2012	2013	2014
Annual Performance Objective	25	25	25	25	25
Annual Indicator					
Numerator					
Denominator					

**Field Level Notes****1. Section Number:** Form11\_Performance Measure #14**Field Name:** PM14**Row Name:****Column Name:****Year:** 2009**Field Note:**

Data Source: NC-Nutrition and Physical Activity Surveillance System (NC-NPASS) The subselection of WIC has been done from the composite NC-NPASS file. The annual composite file is created by combining the records from the WIC, Child Health and CSHS. The first records are kept during unduplication. So if a child visits the Child Health clinic first followed by WIC on a different day, the child health record would be kept provided the heights and weights are available. So depending on how a visit occurs, the numbers could vary from year to year and as such the numbers are very much dependent on which records gets selected.

**2. Section Number:** Form11\_Performance Measure #14**Field Name:** PM14**Row Name:****Column Name:****Year:** 2008**Field Note:**

Data Source: NC-Nutrition and Physical Activity Surveillance System (NC-NPASS) The subselection of WIC has been done from the composite NC-NPASS file. The annual composite file is created by combining the records from the WIC, Child Health and CSHS. The first records are kept during unduplication. So if a child visits the Child Health clinic first followed by WIC on a different day, the child health record would be kept provided the heights and weights are available. So depending on how a visit occurs, the numbers could vary from year to year and as such the numbers are very much dependent on which records gets selected.

**3. Section Number:** Form11\_Performance Measure #14**Field Name:** PM14**Row Name:****Column Name:****Year:** 2007**Field Note:**

Data Source: NC-Nutrition and Physical Activity Surveillance System (NC-NPASS) The subselection of WIC has been done from the composite NC-NPASS file. The annual composite file is created by combining the records from the WIC, Child Health and CSHS. The first records are kept during unduplication. So if a child visits the Child Health clinic first followed by WIC on a different day, the child health record would be kept provided the heights and weights are available. So depending on how a visit occurs, the numbers could vary from year to year and as such the numbers are very much dependent on which records gets selected.

**PERFORMANCE MEASURE # 15**

Percentage of women who smoke in the last three months of pregnancy.

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective		12	12	11	10
Annual Indicator	12.5	12.1	11.5	11.0	10.4
Numerator	14,959	14,839	14,668	14,426	13,621
Denominator	119,773	123,040	127,646	130,886	130,758
Data Source				NC Vital Records - Birth Certificates	NC Vital Records - Birth Certificates
Check this box if you cannot report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

<u>Annual Objective and Performance Data</u>					
	2010	2011	2012	2013	2014
Annual Performance Objective	10	10	10	10	10
Annual Indicator					
Numerator					
Denominator					

**Field Level Notes****1. Section Number:** Form11\_Performance Measure #15**Field Name:** PM15**Row Name:****Column Name:****Year:** 2009**Field Note:**

Data for this measure are not available at this time as the 2003 birth certificate has not yet been implemented in NC. The data included here are CY08 data for the percentage of women who smoked during pregnancy, not just in the last three months, according to birth certificate data obtained through vital records from the NC State Center for Health Statistics. The annual performance objectives are also based on women who smoked during pregnancy, not just in the last three months.

**2. Section Number:** Form11\_Performance Measure #15**Field Name:** PM15**Row Name:****Column Name:****Year:** 2008**Field Note:**

Data for this measure are not available at this time as the 2003 birth certificate has not yet been implemented in NC. The data included here are CY07 data for the percentage of women who smoked during pregnancy, not just in the last three months, according to birth certificate data obtained through vital records from the NC State Center for Health Statistics. The annual performance objectives are also based on women who smoked during pregnancy, not just in the last three months.

**3. Section Number:** Form11\_Performance Measure #15**Field Name:** PM15**Row Name:****Column Name:****Year:** 2007**Field Note:**

Data for this measure are not available at this time as the 2003 birth certificate has not yet been implemented in NC. The data included here is CY06 data for the percentage of women who smoked during pregnancy, not just in the last three months, according to birth certificate data. The annual performance objectives are also based on women who smoked during pregnancy, not just in the last three months.



**PERFORMANCE MEASURE # 16**

The rate (per 100,000) of suicide deaths among youths aged 15 through 19.

Annual Objective and Performance Data					
	2005	2006	2007	2008	2009
Annual Performance Objective	6	6	6	6	6
Annual Indicator	7.3	6.5	6.8	6.1	6.5
Numerator	43	39	42	39	44
Denominator	592,645	602,355	621,709	638,873	678,263
Data Source				NC Vital Records. State Demographer Pop Estimates	NC Vital Records. State Demographer Pop Estimates
Do not report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

Annual Objective and Performance Data					
	2010	2011	2012	2013	2014
Annual Performance Objective	6	5.5	5.5	5.5	5.5
Annual Indicator					
Numerator					
Denominator					

**Field Level Notes**

1. **Section Number:** Form11\_Performance Measure #16

**Field Name:** PM16

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Data source for the numerator is NC vital records obtained through the NC Data Query System for Leading Causes of Death on the NC State Center for Health Statistics (SCHS) website. The source for the denominator is the State Demographer's Population Estimates obtained through the SCHS query system on the SCHS website.

FY year data are actually the prior calendar year, e.g. FY09 is really CY08.

2. **Section Number:** Form11\_Performance Measure #16

**Field Name:** PM16

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Data source for the numerator is NC vital records obtained through the NC Data Query System for Leading Causes of Death on the NC State Center for Health Statistics (SCHS) website. The source for the denominator is the State Demographer's Population Estimates obtained through the SCHS query system on the SCHS website.

FY year data are actually the prior calendar year, e.g. FY08 is really CY07.

3. **Section Number:** Form11\_Performance Measure #16

**Field Name:** PM16

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

FY year data are actually the prior calendar year, e.g. FY07 is really CY06.

**PERFORMANCE MEASURE # 17**

Percent of very low birth weight infants delivered at facilities for high-risk deliveries and neonates.

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	83	83	83	83	83
Annual Indicator	79.2	79.9	78.2	78.3	78.4
Numerator	1,542	1,541	1,559	1,595	1,512
Denominator	1,946	1,929	1,993	2,036	1,928
Data Source				NC Vital Records - Birth Certificates	NC Vital Records - Birth Certificates
Check this box if you cannot report the numerator because					
1. There are fewer than 5 events over the last year, and					
2. The average number of events over the last 3 years is fewer					
than 5 and therefore a 3-year moving average cannot be					
applied.					
(Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

	<u>Annual Objective and Performance Data</u>				
	2010	2011	2012	2013	2014
Annual Performance Objective	83	83	83	83	83
Annual Indicator					
Numerator					
Denominator					

**Field Level Notes****1. Section Number:** Form11\_Performance Measure #17**Field Name:** PM17**Row Name:****Column Name:****Year:** 2009**Field Note:**

The data source is NC vital records as reported in the 2008 North Carolina Infant Mortality Report, Table 10, Risk Factors and Characteristics for North Carolina Resident Live Births found on the NC State Center for Health Statistics website.

**2. Section Number:** Form11\_Performance Measure #17**Field Name:** PM17**Row Name:****Column Name:****Year:** 2008**Field Note:**

The data source is NC vital records as reported in the 2007 North Carolina Infant Mortality Report, Table 10, Risk Factors and Characteristics for North Carolina Resident Live Births found on the NC State Center for Health Statistics website.

**3. Section Number:** Form11\_Performance Measure #17**Field Name:** PM17**Row Name:****Column Name:****Year:** 2007**Field Note:**

These data include deliveries at 12 facilities originally designated for high-risk deliveries and neonates back in the 1980s. There are other hospitals within the state with NICUs whose deliveries are not included in this count.

FY year data are actually the prior calendar year, e.g. FY07 is really CY06.

**PERFORMANCE MEASURE # 18**

Percent of infants born to pregnant women receiving prenatal care beginning in the first trimester.

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	87	87	87	87	87
Annual Indicator	83.3	82.7	81.9	80.9	82.0
Numerator	99,822	101,716	104,528	105,849	107,183
Denominator	119,773	123,040	127,646	130,886	130,758
Data Source				NC Vital Records - Birth Certificates	NC Vital Records - Birth Certificates
Check this box if you cannot report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)					
Is the Data Provisional or Final?				Final	Final

	<u>Annual Objective and Performance Data</u>				
	2010	2011	2012	2013	2014
Annual Performance Objective	87	87	87	87	87
Annual Indicator					
Numerator					
Denominator					

**Field Level Notes**

1. **Section Number:** Form11\_Performance Measure #18

**Field Name:** PM18

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

The data source is NC vital records as reported in the 2007 North Carolina Infant Mortality Report, Table 10, Risk Factors and Characteristics for North Carolina Resident Live Births found on the NC State Center for Health Statistics website.

2. **Section Number:** Form11\_Performance Measure #18

**Field Name:** PM18

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

FY year data are actually the prior calendar year, e.g. FY07 is really CY06.



**FORM 11**  
**TRACKING PERFORMANCE MEASURES**  
[SECS 485 (2)(2)(B)(iii) AND 486 (A)(2)(A)(iii)]  
**STATE: NC**

**Form Level Notes for Form 11**

None

**STATE PERFORMANCE MEASURE # 1 - REPORTING YEAR**

Number of children affected in substantiated reports of abuse and/or neglect as compared with previous years.

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
<b>Annual Performance Objective</b>	27,000	27,000	24,000	14,000	12,000
<b>Annual Indicator</b>	26,670	24,597	14,744	12,312	11,171
<b>Numerator</b>					
<b>Denominator</b>					
<b>Data Source</b>				NC DSS CPS Central Registr	NC DSS CPS Central Registr
<b>Is the Data Provisional or Final?</b>				Final	Final

	<u>Annual Objective and Performance Data</u>				
	2010	2011	2012	2013	2014
<b>Annual Performance Objective</b>	11,500	11,000	10,500	10,000	
<b>Annual Indicator</b>	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
<b>Numerator</b>					
<b>Denominator</b>					

**Field Level Notes**

**1. Section Number:** Form11\_State Performance Measure #1

**Field Name:** SM1

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Data retrieved March 17, 2009 from the University of North Carolina at Chapel Hill Jordan Institute for Families website. URL: <http://ssw.unc.edu/ma/>

North Carolina has implemented the Multiple Response System (MRS) statewide. MRS is an effort to reform the entire continuum of child welfare in North Carolina- from intake through placement services. The goal of MRS is to bring services and supports more quickly to families in need, called "frontloading". Greater frontloading of services reduces the probability that a child would come back into the system within 6 months following an initial assessment finding services needed or a substantiation of abuse or neglect. In 2007 the recurrence of maltreatment did begin to decline by 27% (5.5% in SFY 2006-2007 as compared to 7.5% in 2001-2002).

MRS has changed many data definitions and therefore trend data on assessments and substantiations are not available. MRS allows a two pronged approach to CPS involvement: The Family Assessment Track and the Investigative Track. While the Investigative track is the "traditional approach", which would lead to the unsubstantiation or substantiation of a case, the Family Assessment track does not. With the Family Assessment Track, families are found "in need of services", "services recommended", or "no services recommended". In February 2006, the NC Division of Social Services added a new finding for Family Assessments, "Services Provided, No longer Needed." This finding indicates that the safety of a child and future risk of harm are no longer issues because the agency has been successful in frontloading necessary services during the family assessment and therefore the case was neither substantiated or "Services Needed". As the Family Assessment Track of MRS can address neglect and dependency, some of the "Services Needed" reflects dependency allegations. (NC Division of Social Services, 2007).

**2. Section Number:** Form11\_State Performance Measure #1

**Field Name:** SM1

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

North Carolina has implemented the Multiple Response System (MRS) statewide. MRS is an effort to reform the entire continuum of child welfare in North Carolina- from intake through placement services. The goal of MRS is to bring services and supports more quickly to families in need, called "frontloading". Greater frontloading of services reduces the probability that a child would come back into the system within 6 months following an initial assessment finding services needed or a substantiation of abuse or neglect. In 2007 the recurrence of maltreatment did begin to decline by 27% (5.5% in SFY 2006-2007 as compared to 7.5% in 2001-2002).

MRS has changed many data definitions and therefore trend data on assessments and substantiations are not available. MRS allows a two pronged approach to CPS involvement: The Family Assessment Track and the Investigative Track. While the Investigative track is the "traditional approach", which would lead to the unsubstantiation or substantiation of a case, the Family Assessment track does not. With the Family Assessment Track, families are found "in need of services", "services recommended", or "no services recommended". In February 2006, the NC Division of Social Services added a new finding for Family Assessments, "Services Provided, No longer Needed." This finding indicates that the safety of a child and future risk of harm are no longer issues because the agency has been successful in frontloading necessary services during the family assessment and therefore the case was neither substantiated or "Services Needed". As the Family Assessment Track of MRS can address neglect and dependency, some of the "Services Needed" reflects dependency allegations. (NC Division of Social Services, 2007).

**3. Section Number:** Form11\_State Performance Measure #1

**Field Name:** SM1

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

North Carolina has implemented the Multiple Response System (MRS) statewide. MRS is an effort to reform the entire continuum of child welfare in North Carolina- from intake through placement services. The goal of MRS is to bring services and supports more quickly to families in need, called "frontloading". Greater frontloading of services reduces the probability that a child would come back into the system within 6 months following an initial assessment finding services needed or a substantiation of abuse or neglect. In 2007 the recurrence of maltreatment did begin to decline by 27% (5.5% in SFY 2006-2007 as compared to 7.5% in 2001-2002).

MRS has changed many data definitions and therefore trend data on assessments and substantiations are not available. MRS allows a two pronged approach to CPS involvement: The Family Assessment Track and the Investigative Track. While the Investigative track is the "traditional approach", which would lead to the unsubstantiation or substantiation of a case, the Family Assessment track does not. With the Family Assessment Track, families are found "in need of services", "services recommended", or "no services recommended". In February 2006, the NC Division of Social Services added a new finding for Family Assessments, "Services Provided, No longer Needed." This finding indicates that the safety of a child and future risk of harm are no longer issues because the agency has been successful in frontloading necessary services during the family assessment and therefore the case was neither substantiated or "Services Needed". As the Family Assessment Track of MRS can address neglect and dependency, some of the "Services Needed" reflects dependency allegations. (NC Division of Social Services, 2007).

**STATE PERFORMANCE MEASURE # 2 - REPORTING YEAR**

The number of children in the State less than three years old enrolled in early intervention services to reduce the effects of developmental delay, emotional disturbance, or chronic illness.

<b>Annual Objective and Performance Data</b>					
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Performance Objective</b>		13,673	15,040	15,500	15,700
<b>Annual Indicator</b>	12,436	13,673	15,048	15,869	17,606
<b>Numerator</b>					
<b>Denominator</b>					
<b>Data Source</b>				EI Branch CECAS	EI Branch CECAS
<b>Is the Data Provisional or Final?</b>				Final	Final

<b>Annual Objective and Performance Data</b>					
	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Annual Performance Objective</b>	16,000	16,000	16,000	16,000	
<b>Annual Indicator</b>	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
<b>Numerator</b>					
<b>Denominator</b>					

**Field Level Notes****1. Section Number:** Form11\_State Performance Measure #2**Field Name:** SM2**Row Name:****Column Name:****Year:** 2009**Field Note:**

Manual indicator (count) is used in this state performance measure.

**2. Section Number:** Form11\_State Performance Measure #2**Field Name:** SM2**Row Name:****Column Name:****Year:** 2008**Field Note:**

Manual indicator (count) is used in this state performance measure.

**3. Section Number:** Form11\_State Performance Measure #2**Field Name:** SM2**Row Name:****Column Name:****Year:** 2007**Field Note:**

Manual indicator (count) is used in this state performance measure.

**STATE PERFORMANCE MEASURE # 3 - REPORTING YEAR**

Percent of children 2-18 who are overweight. Overweight is defined as a body mass index (BMI) greater than or equal to the 95th percentile for gender and age.

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
<b>Annual Performance Objective</b>		15	14	13	12
<b>Annual Indicator</b>	17.0	16.7	17.4	17.3	17.5
<b>Numerator</b>	17,394	19,151	20,062	20,863	19,295
<b>Denominator</b>	102,480	114,970	115,394	120,472	110,406
<b>Data Source</b>				NC-NPASS	NC-NPASS
<b>Is the Data Provisional or Final?</b>				Final	Final

	<u>Annual Objective and Performance Data</u>				
	2010	2011	2012	2013	2014
<b>Annual Performance Objective</b>	10	10	10	10	
<b>Annual Indicator</b>	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
<b>Numerator</b>					
<b>Denominator</b>					

**Field Level Notes****1. Section Number:** Form11\_State Performance Measure #3**Field Name:** SM3**Row Name:****Column Name:****Year:** 2009**Field Note:**

The data source is NC Nutrition and Physical Activity Surveillance System (NC-NPASS) which includes data from children who participate in Child Health and WIC in local health departments and children in School Based/School Linked Health Centers.

FY year data are actually the prior calendar year, e.g. FY09 is really CY08.

**2. Section Number:** Form11\_State Performance Measure #3**Field Name:** SM3**Row Name:****Column Name:****Year:** 2008**Field Note:**

The data source is NC Nutrition and Physical Activity Surveillance System (NC-NPASS) which includes data from children who participate in Child Health and WIC in local health departments and children in School Based/School Linked Health Centers.

FY year data are actually the prior calendar year, e.g. FY08 is really CY07.

**3. Section Number:** Form11\_State Performance Measure #3**Field Name:** SM3**Row Name:****Column Name:****Year:** 2007**Field Note:**

FY year data are actually the prior calendar year, e.g. FY07 is really CY06.



**STATE PERFORMANCE MEASURE # 5 - REPORTING YEAR**

The percent of women responding to the Pregnancy Risk Assessment Monitoring System (PRAMS) survey that they either wanted to be pregnant later or not then or at any time in the future.

<b>Annual Objective and Performance Data</b>					
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Performance Objective</b>	<u>40</u>	<u>39</u>	<u>39</u>	<u>38</u>	<u>38</u>
<b>Annual Indicator</b>	<u>44</u>	<u>44.4</u>	<u>47.6</u>	<u>39.8</u>	<u>43.9</u>
<b>Numerator</b>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<b>Denominator</b>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<b>Data Source</b>				Pregnancy Risk Assessment Monitoring System	Pregnancy Risk Assessment Monitoring System
<b>Is the Data Provisional or Final?</b>				Final	Final

<b>Annual Objective and Performance Data</b>					
	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Annual Performance Objective</b>	<u>38</u>	<u>38</u>	<u>38</u>	<u>38</u>	<u></u>
<b>Annual Indicator</b>	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
<b>Numerator</b>					
<b>Denominator</b>					

**Field Level Notes**

- Section Number:** Form11\_State Performance Measure #5  
**Field Name:** SM5  
**Row Name:**  
**Column Name:**  
**Year:** 2009  
**Field Note:**  
 Data are for CY08. PRAMS data are weighted to get the final state percentage, so numerator and denominator data are not available.
- Section Number:** Form11\_State Performance Measure #5  
**Field Name:** SM5  
**Row Name:**  
**Column Name:**  
**Year:** 2008  
**Field Note:**  
 Data are for CY07. PRAMS data are weighted to get the final state percentage, so numerator and denominator data are not available.
- Section Number:** Form11\_State Performance Measure #5  
**Field Name:** SM5  
**Row Name:**  
**Column Name:**  
**Year:** 2007  
**Field Note:**  
 Data are for CY06. PRAMS data are weighted to get the final state percentage, so numerator and denominator data are not available.

**STATE PERFORMANCE MEASURE # 6 - REPORTING YEAR**

Percent of women of childbearing age taking folic acid regularly.

Annual Objective and Performance Data					
	2005	2006	2007	2008	2009
Annual Performance Objective	50	50	50	50	50
Annual Indicator	47.1	38.5	29.2	38.3	38.3
Numerator					
Denominator					
Data Source				NC BRFSS	NC BRFSS
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2010	2011	2012	2013	2014
Annual Performance Objective	<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>          </u>
Annual Indicator	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
Numerator					
Denominator					

**Field Level Notes****1. Section Number:** Form11\_State Performance Measure #6**Field Name:** SM6**Row Name:****Column Name:****Year:** 2009**Field Note:**

These data are for CY2008 from the BRFSS. Data are only available every other year through BRFSS. As the folic acid questions have changed from prior years, data for 2007 and beyond are not comparable to data from previous years.

**2. Section Number:** Form11\_State Performance Measure #6**Field Name:** SM6**Row Name:****Column Name:****Year:** 2008**Field Note:**

As the folic acid questions have changed from prior years, data for 2007 and beyond are not comparable to data from previous years.

**3. Section Number:** Form11\_State Performance Measure #6**Field Name:** SM6**Row Name:****Column Name:****Year:** 2007**Field Note:**

These data are for CY2007 from the BRFSS. As the folic acid questions have changed from prior years, data for 2007 and beyond are not comparable to data from previous years.

**STATE PERFORMANCE MEASURE # 7 - REPORTING YEAR**

The ratio of school health nurses to the public school student population.

	<b>Annual Objective and Performance Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Performance Objective</b>	1:1500	1,300	1,200	1,200	1,150
<b>Annual Indicator</b>	1,593.1	1,571.3	1,340.8	1,225.4	1,206.6
<b>Numerator</b>	1,332,009	1,363,695	1,386,363	1,404,957	1,410,497
<b>Denominator</b>	836.1	867.9	1,034	1,146.5	1,169
<b>Data Source</b>				NC Annual School Health Services Report 2007-08	NC Annual School Health Services Report 2008-09
<b>Is the Data Provisional or Final?</b>				Final	Final

	<b>Annual Objective and Performance Data</b>				
	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Annual Performance Objective</b>	1,150	1,100	1,100	1,050	
<b>Annual Indicator</b>					
<b>Numerator</b>	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
<b>Denominator</b>					

**Field Level Notes****1. Section Number:** Form11\_State Performance Measure #7**Field Name:** SM7**Row Name:****Column Name:****Year:** 2009**Field Note:**

As colons aren't allowed in the measure, the number listed in the objectives is the second number of the ratio (1:1225.4, etc.), i.e., the number of students per school health nurse.

School health nurse to student ratios were based upon full-time equivalencies of school nurse staff. The number of students and school health nurse FTEs from which the ratios were calculated are as follows:

FY06 Students: 1,363,695 School Nurse FTEs: 867.9; ratio 1:1571  
 FY07 Students: 1,386,363 School Nurse FTEs: 1034; ratio 1:1341  
 FY08 Students: 1,404,957 School Nurse FTEs: 1146.5; ratio 1:1225.4  
 FY09 Students: 1,410,497 School Nurse FTEs: 1169.04; ratio 1:1207

**2. Section Number:** Form11\_State Performance Measure #7**Field Name:** SM7**Row Name:****Column Name:****Year:** 2008**Field Note:**

As colons aren't allowed in the measure, the number listed in the objectives is the second number of the ratio (1:1225.4, etc.), i.e., the number of students per school health nurse.

School health nurse to student ratios were based upon full-time equivalencies of school nurse staff. The number of students and school health nurse FTEs from which the ratios were calculated are as follows:

FY06 Students: 1,363,695 School Nurse FTEs: 867.9; ratio 1:1571  
 FY07 Students: 1,386,363 School Nurse FTEs: 1034; ratio 1:1341  
 FY08 Students: 1,404,957 School Nurse FTEs: 1146.5; ratio 1:1225.4

**3. Section Number:** Form11\_State Performance Measure #7**Field Name:** SM7**Row Name:****Column Name:****Year:** 2007**Field Note:**

As colons aren't allowed in the measure, the number listed in the objectives is the second number of the ratio (1:1918, etc.), i.e., the number of students per school health nurse.

School health nurse to student ratios were based upon full-time equivalencies of school nurse staff. The number of students and school health nurse FTEs from which the ratios were calculated are as follows:

FY06 Students: 1,363,695 School Nurse FTEs: 867.9; ratio 1:1571  
 FY07 Students: 1,386,363 School Nurse FTEs: 1034; ratio 1:1341

**STATE PERFORMANCE MEASURE # 8 - REPORTING YEAR**

Percent of women with live, term births who gain within the Institute of Medicine (IOM) Recommended Weight Gain Ranges.

<b>Annual Objective and Performance Data</b>					
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Performance Objective</b>		34	35	36	37
<b>Annual Indicator</b>	33.6	33.0	32.9	34.0	31.8
<b>Numerator</b>	12,429	12,227	12,959	15,642	15,835
<b>Denominator</b>	36,981	37,012	39,331	45,960	49,872
<b>Data Source</b>				NC Pregnancy Nutrition Surveillance System(NCPNSS)	NC Pregnancy Nutrition Surveillance System(NCPNSS)
<b>Is the Data Provisional or Final?</b>				Final	Final

<b>Annual Objective and Performance Data</b>					
	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Annual Performance Objective</b>	38	38	38	39	
<b>Annual Indicator</b>	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
<b>Numerator</b>					
<b>Denominator</b>					

**Field Level Notes**

1. **Section Number:** Form11\_State Performance Measure #8

**Field Name:** SM8

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Data are based on prior CY (FY09 is really CY08). As per the detail sheet, these data are only available for women receiving WIC services.

2. **Section Number:** Form11\_State Performance Measure #8

**Field Name:** SM8

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Data are based on prior CY (FY08 is really CY07). As per the detail sheet, these data are only available for women receiving WIC services.

3. **Section Number:** Form11\_State Performance Measure #8

**Field Name:** SM8

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Data are based on prior CY (FY07 is really CY06). As per the detail sheet, these data are only available for women receiving WIC services.

**STATE PERFORMANCE MEASURE # 9 - REPORTING YEAR**

Percent of non-pregnant women of reproductive age who are overweight/obese (BMI&gt;26).

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective		45	44	43	42
Annual Indicator	46.3	46.6	46.7	47.2	47.8
Numerator	19,693	20,048	21,109	21,314	23,311
Denominator	42,533	43,022	45,201	45,157	48,768
Data Source				NC Pregnancy Nutrition Surveillance System	NC Pregnancy Nutrition Surveillance System
Is the Data Provisional or Final?				Final	Final

<u>Annual Objective and Performance Data</u>					
	2010	2011	2012	2013	2014
Annual Performance Objective	41	40	40	40	
Annual Indicator	Future year objectives for state performance measures from needs assessment period 2006-2010 are view-only. If you are continuing any of these measures in the new needs assessment period, you may establish objectives for those measures on Form 11 for the new needs assessment period.				
Numerator					
Denominator					

**Field Level Notes**

1. **Section Number:** Form11\_State Performance Measure #9

**Field Name:** SM9

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Data are based on the prior calendar year. The data source is the North Carolina Pregnancy Nutrition Surveillance System (PNSS) which links data from the WIC program, public maternity clinics, birth certificates and fetal death certificates.

2. **Section Number:** Form11\_State Performance Measure #9

**Field Name:** SM9

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Data are based on the prior calendar year. The data source is the North Carolina Pregnancy Nutrition Surveillance System (PNSS) which links data from the WIC program, public maternity clinics, birth certificates and fetal death certificates.

3. **Section Number:** Form11\_State Performance Measure #9

**Field Name:** SM9

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Data are based on the prior calendar year. The data source is the North Carolina Pregnancy Nutrition Surveillance System (PNSS) which links data from the WIC program, public maternity clinics, birth certificates and fetal death certificates.



**FORM 12**  
**TRACKING HEALTH OUTCOME MEASURES**  
[SECS 505 (A)(2)(B)(iii) AND 506 (A)(2)(A)(iii)]  
**STATE: NC**

**Form Level Notes for Form 12**

None

**OUTCOME MEASURE # 01**

The infant mortality rate per 1,000 live births.

**Annual Objective and Performance Data**

	2005	2006	2007	2008	2009
Annual Performance Objective	8.2	8.2	8.2	8.2	8
Annual Indicator	8.8	8.1	8.5	8.2	8.2
Numerator	1,077	1,033	1,107	1,066	
Denominator	123,040	127,646	130,886	130,758	
Data Source				NC Vital Records	NC Vital Records
Check this box if you cannot report the numerator because					
1. There are fewer than 5 events over the last year, and					
2. The average number of events over the last 3 years is fewer					
than 5 and therefore a 3-year moving average cannot be					
applied.					
<small>(Explain data in a year note. See Guidance, Appendix IX.)</small>					
Is the Data Provisional or Final?				Final	Provisional

**Annual Objective and Performance Data**

	2010	2011	2012	2013	2014
Annual Performance Objective	8	8	8	8	8
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**Field Level Notes**

- Section Number:** Form12\_Outcome Measure 1  
**Field Name:** OM01  
**Row Name:**  
**Column Name:**  
**Year:** 2009  
**Field Note:**  
 Data for 2009 will not be available until the fall of 2010, thus 2008 rate is repeated here.

**OUTCOME MEASURE # 02**

The ratio of the black infant mortality rate to the white infant mortality rate.

**Annual Objective and Performance Data**

	2005	2006	2007	2008	2009
Annual Performance Objective	1.9	1.9	2	2	2
Annual Indicator	2.5	2.5	2.4	2.4	2.4
Numerator	16.3	15	15	14.2	
Denominator	6.4	6	6.3	6	
Data Source				NC Vital Records	NC Vital Records

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer  
 than 5 and therefore a 3-year moving average cannot be  
 applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

**Annual Objective and Performance Data**

	2010	2011	2012	2013	2014
Annual Performance Objective	2	2	2	2	2
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**Field Level Notes**

1. Section Number: Form12\_Outcome Measure 2

Field Name: OM02

Row Name:

Column Name:

Year: 2009

Field Note:

Data for 2009 will not be available until the fall of 2010, thus 2008 ratio is repeated here.



**OUTCOME MEASURE # 03**

The neonatal mortality rate per 1,000 live births.

**Annual Objective and Performance Data**

	2005	2006	2007	2008	2009
Annual Performance Objective	5.9	5.7	5.7	5.7	5.6
Annual Indicator	6.1	5.6	5.7	5.2	5.2
Numerator	751	712	747	680	
Denominator	123,040	127,646	130,866	130,758	
Data Source				NC Vital Records	NC Vital Records

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer  
 than 5 and therefore a 3-year moving average cannot be  
 applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

**Annual Objective and Performance Data**

	2010	2011	2012	2013	2014
Annual Performance Objective	5.1	5.1	5	5	5
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are  
 not required for future year data.

**Field Level Notes**

1. Section Number: Form12\_Outcome Measure 3

Field Name: OM03

Row Name:

Column Name:

Year: 2009

Field Note:

Data for 2009 will not be available until the fall of 2010, thus 2008 rate is repeated here.

**OUTCOME MEASURE # 04**

The postneonatal mortality rate per 1,000 live births.

**Annual Objective and Performance Data**

	2005	2006	2007	2008	2009
Annual Performance Objective	2.6	2.5	2.5	2.5	2.5
Annual Indicator	2.6	2.5	2.8	3.0	3
Numerator	326	321	360	386	
Denominator	123,040	127,646	130,866	130,758	
Data Source				NC Vital Records	NC Vital Records

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer  
 than 5 and therefore a 3-year moving average cannot be  
 applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

**Annual Objective and Performance Data**

	2010	2011	2012	2013	2014
Annual Performance Objective	2.5	2.5	2.4	2.4	2.4
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are  
 not required for future year data.

**Field Level Notes**

1. Section Number: Form12\_Outcome Measure 4

Field Name: OM04

Row Name:

Column Name:

Year: 2009

Field Note:

Data for 2009 will not be available until the fall of 2010, thus the 2008 rate is repeated here.

**OUTCOME MEASURE # 05**

The perinatal mortality rate per 1,000 live births plus fetal deaths.

**Annual Objective and Performance Data**

	2005	2006	2007	2008	2009
Annual Performance Objective	8	7.9	7.8	7.8	7.6
Annual Indicator	8.4	7.8	7.6	7.6	7.6
Numerator	1,034	995	993	993	
Denominator	123,482	128,067	131,286	131,194	
Data Source				NC Vital Records	NC Vital Records

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer  
 than 5 and therefore a 3-year moving average cannot be  
 applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

**Annual Objective and Performance Data**

	2010	2011	2012	2013	2014
Annual Performance Objective	7.5	7.5	7.5	7.5	7.5
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**Field Level Notes**

1. Section Number: Form12\_Outcome Measure 5

Field Name: OM05

Row Name:

Column Name:

Year: 2009

Field Note:

Data for 2009 will not be available until the fall of 2010, thus the 2008 rate is repeated here.

**OUTCOME MEASURE # 06**

The child death rate per 100,000 children aged 1 through 14.

**Annual Objective and Performance Data**

	2005	2006	2007	2008	2009
Annual Performance Objective	21	21	20	20	20
Annual Indicator	20.6	20.7	21.4	19.1	19.1
Numerator	338	346	365	325	
Denominator	1,638,469	1,670,842	1,702,272	1,699,421	
Data Source				NC Vital Records	NC Vital Records

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer  
 than 5 and therefore a 3-year moving average cannot be  
 applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

**Annual Objective and Performance Data**

	2010	2011	2012	2013	2014
Annual Performance Objective	19	19	19	18	18
Annual Indicator					
Numerator					
Denominator					

Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.

**Field Level Notes**

1. Section Number: Form12\_Outcome Measure 6

Field Name: OM06

Row Name:

Column Name:

Year: 2009

Field Note:

Data for 2009 will not be available until the fall of 2010, thus the 2008 rate is repeated here.



**FORM 12**  
**TRACKING HEALTH OUTCOME MEASURES**  
[SECS 505 (A)(2)(B)(iii) AND 506 (A)(2)(A)(iii)]  
**STATE: NC**

**Form Level Notes for Form 12**

None

**STATE OUTCOME MEASURE # 1 - REPORTING YEAR**

The maternal mortality ratio per 100,000 live births.

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	16	18	18	17.5	8
Annual Indicator	22.8	8.6	16.0	16.8	16.8
Numerator	28	11	21	22	
Denominator	123,040	127,646	130,886	130,758	
Data Source				NC Enhanced Maternal Mortality Surveillance System	NC Enhanced Maternal Mortality Surveillance System
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2010	2011	2012	2013	2014
Annual Performance Objective	8	8	8	8	
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

**Field Level Notes**

1. **Section Number:** Form12\_State Outcome Measure 1

**Field Name:** SO1

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

These data are obtained through an enhanced surveillance system which involves computer matching of deaths to reproductive-age women to live birth/fetal death records (case finding), and a medical review to establish circumstances of death as related to pregnancy complications. Data for 2009 are not yet available.

2. **Section Number:** Form12\_State Outcome Measure 1

**Field Name:** SO1

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

These data are obtained through an enhanced surveillance system which involves computer matching of deaths to reproductive-age women to live birth/fetal death records (case finding), and a medical review to establish circumstances of death as related to pregnancy complications.

3. **Section Number:** Form12\_State Outcome Measure 1

**Field Name:** SO1

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

These data are obtained through an enhanced surveillance system which involves computer matching of deaths to reproductive-age women to live birth/fetal death records (case finding), and a medical review to establish circumstances of death as related to pregnancy complications.



**FORM 13**  
**CHARACTERISTICS DOCUMENTING FAMILY PARTICIPATION IN CSHCN PROGRAMS**  
**STATE: NC**

1. Family members participate on advisory committee or task forces and are offering training, mentoring, and reimbursement, when appropriate.

3

2. Financial support (financial grants, technical assistance, travel, and child care) is offered for parent activities or parent groups.

3

3. Family members are involved in the Children with Special Health Care Needs elements of the MCH Block Grant Application process.

3

4. Family members are involved in service training of CSHCN staff and providers.

3

5. Family members hired as paid staff or consultants to the State CSHCN program (a family member is hired for his or her expertise as a family member).

3

6. Family members of diverse cultures are involved in all of the above activities.

2

**Total Score:** 17

**Rating Key**

0 = Not Met

1 = Partially Met

2 = Mostly Met

3 = Completely Met



## FORM NOTES FOR FORM 13

The Family Council for CYSHCN discussed and scored Form 13 during a council meeting in Spring 2010.

### FIELD LEVEL NOTES

1. **Section Number:** Form13\_Main  
**Field Name:** Question1  
**Row Name:** #1. Family members participate on advisory committee or task forces...  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Shouldn't this read "and are offered training?"
2. **Section Number:** Form13\_Main  
**Field Name:** Question4  
**Row Name:** #4. Family members are involved in service training of CSHCN staff and providers.  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Budget reductions impact the ability to co-train.
3. **Section Number:** Form13\_Main  
**Field Name:** Question6  
**Row Name:** #6. Family members of diverse cultures are involved in all of the above activities  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
While the Council membership does not yet reflect the state's racial/ethnic demographics, efforts remain focused on recruitment and retention of minority representation. Alteration of current meeting design, increased efforts toward outreach and improved welcome are possible ways to increase racial/ethnic diversity. The Council will pursue these strategies this year. Other diversity indicators such as geography, socioeconomics, thought diversity, family composition, and child-specific indices are well-represented by the current NC Family Council for CYSHCN.

**FORM 14**  
**LIST OF MCH PRIORITY NEEDS**

[Sec. 505(a)(5)]

**STATE: NC FY: 2011**

Your State's 5-year Needs Assessment should identify the need for preventive and primary care services for pregnant women, mothers, and infants; preventive and primary care services for children and services for Children with Special Health Care Needs. With each year's Block Grant application, provide a list (whether or not the priority needs change) of the top maternal and child health needs in your state. Using simple sentence or phrase, list below your State's needs. Examples of such statements are: "To reduce the barriers to the delivery of care for pregnant women, " and "The infant mortality rate for minorities should be reduced."

MCHB will capture annually every State's top 7 to 10 priority needs in an information system for comparison, tracking, and reporting purposes; you must list at least 7 and no more than 10. Note that the numbers listed below are for computer tracking only and are not meant to indicate priority order. If your State wishes to report more than 10 priority needs, list additional priority needs in a note at the form level.

1. Reduce infant mortality.
2. Improve the health of women of childbearing age.
3. Prevent child deaths.
4. Eliminate vaccine-preventable diseases.
5. Increase access to care for women, children, and families.
6. Increase the number of newborns screened for genetic and hearing disorders and prevent birth defects.
7. Improve the health of children with special needs.
8. Improve healthy behaviors in women and children and among families.
9. Promote healthy schools and students who are ready to learn.
10. Provide timely and comprehensive early intervention services for children with special developmental needs and their families.

**FORM NOTES FOR FORM 14**

None

**FIELD LEVEL NOTES**

None

**FORM 15**  
**TECHNICAL ASSISTANCE(TA) REQUEST**

STATE: NC

APPLICATION YEAR: 2011

No.	Category of Technical Assistance Requested	Description of Technical Assistance Requested (max 250 characters)	Reason(s) Why Assistance Is Needed (max 250 characters)	What State, Organization or Individual Would You suggest Provide the TA (if known) (max 250 characters)
1.	<b>General Systems Capacity Issues</b> If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>      N/A      </u>	Successful examples of programs addressing institutional racism and its effects on MCH populations & TA to increase cultural competency	To aid in the development of effective strategies to reduce health disparities.	National Center for Cultural Diversity; CityMatCH
2.	<b>General Systems Capacity Issues</b> If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>      N/A      </u>	Assist in improving preventive and direct mental health services for young children (infant through 5th grade)	1) Mental health is the least developed part of the early childhood system in NC; 2) the public mental health system isn't focused on young children; & 3) training for mental health providers generally doesn't include young child interventions.	Georgetown University and University of South Florida
3.	<b>General Systems Capacity Issues</b> If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>      N/A      </u>	National health reform impact on public health	Increase expertise for staff in understanding the impact of health care reform on public health, particularly on MCH populations.	AMCHP; CityMatCH
4.	<b>General Systems Capacity Issues</b> If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>      N/A      </u>	Program sustainability and public health finance	Increase expertise for staff in increasing program sustainability and understanding public health finance.	Center for Public Health Systems & Services Research; Association of Budgeting and Financial Management
5.	<b>National Performance Measure Issues</b> If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>      13      </u>	Coordination of special initiatives for insurance for children	There are a number of separate special initiatives for insurance for children (insurance for hearing aids, insurance for autism, etc.) without a good method for coordination and collaboration.	AMCHP
6.	<b>Data-related Issues - Data Systems Development</b> If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>      N/A      </u>	Quality assurance/improvement science capacity building	Increase expertise for staff in quality assurance/improvement science.	Institutes for Health Care Improvement
7.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>                    </u>			
8.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>                    </u>			
9.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: <u>                    </u>			
10.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this			

	issue pertains by entering the measure number here: _____			
11.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: _____			
12.	If you selected State or National Performance Measure Issue categories above, identify the performance measure to which this issue pertains by entering the measure number here: _____			

**FORM NOTES FOR FORM 15**

None

**FIELD LEVEL NOTES**

None

**FORM 16**  
**STATE PERFORMANCE AND OUTCOME MEASURE DETAIL SHEET**  
**STATE: NC**

SP(Reporting Year) # 1

**PERFORMANCE MEASURE:**

Number of children affected in substantiated reports of abuse and/or neglect as compared with previous years.

**STATUS:**

Active

**GOAL**

To ensure that families receive sufficient and appropriate support during pregnancy, at birth and during child-rearing years, resulting in reduced incidence of substantiated child abuse and/or neglect.

**DEFINITION**

**Numerator:**

Number of children affected in substantiated reports of abuse and/or neglect in the past fiscal year.

**Denominator:**

N/A

**Units:** Yes **Text:** Text

**HEALTHY PEOPLE 2010 OBJECTIVE**

15-33. Reduce maltreatment and maltreatment fatalities of children.

**DATA SOURCES AND DATA ISSUES**

Data are provided by the North Carolina Child Protective Services Central Registry's Reports of Child Abuse, Neglect and Dependency.

**SIGNIFICANCE**

Substantiated reports of child abuse and neglect continue to increase, both nationally and in North Carolina.

SP(Reporting Year) # 2

**PERFORMANCE MEASURE:**

The number of children in the State less than three years old enrolled in early intervention services to reduce the effects of developmental delay, emotional disturbance, or chronic illness.

**STATUS:**

Active

**GOAL**

For the WCHS to show improvement at both identifying infants and toddlers needing early intervention services and appropriately enrolling these children at the earliest possible age to reduce the effects of disabling conditions.

**DEFINITION**

**Numerator:**

The number of children in NC less than three years old receiving NC Infant-Toddler Program (Part C of the Individuals with Disabilities Education Act [IDEA] (reauthorized 2004) services during the state fiscal year (7/1 - 6/30).

**Denominator:**

N/A

**Units:** Yes **Text:** Text

**HEALTHY PEOPLE 2010 OBJECTIVE**

16-20c

Ensure that infants with diagnosed disorders are enrolled in appropriate service interventions within an appropriate time period.

16-23

Increase the proportion of Territories and States that have service systems for children with special health care needs.

**DATA SOURCES AND DATA ISSUES**

NC Infant-Toddler Program - Comprehensive Exceptional Children Accountability System (CECAS)

**SIGNIFICANCE**

This measure indicates the extent to which effects of developmental delay, emotional disturbance, or chronic illness can be reduced by early intervention services.



SP(Reporting Year) # 3

**PERFORMANCE MEASURE:**

Percent of children 2-18 who are overweight. Overweight is defined as a body mass index (BMI) greater than or equal to the 95th percentile for gender and age.

**STATUS:**

Active

**GOAL**

To enhance the physical and mental health of children and adolescents by reducing morbidity secondary to obesity.

**DEFINITION**

**Numerator:**

Unduplicated number of children ages 2 through 18, seen in a publicly-funded health center, with a body mass index greater than or equal to the 95th percentile for gender and age.

**Denominator:**

Unduplicated number of children ages 2 through 18, seen in a publicly-funded health center, who had both a height and weight measured at the time of their visit.

**Units:** 100 **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

19-3. Reduce the proportion of children and adolescents who are overweight or obese to 5%.

**DATA SOURCES AND DATA ISSUES**

NC Nutrition and Physical Activity Surveillance System (NC-NPASS) which is data from children who participate in Child Health, School Based/School Linked Health Centers, and the WIC Program.

**SIGNIFICANCE**

Obesity is the most prevalent nutritional disease of children and adolescents in the United States. Many of the cardiovascular consequences of adult obesity are preceded by abnormalities that begin in childhood.

SP(Reporting Year) # 5

**PERFORMANCE MEASURE:**

The percent of women responding to the Pregnancy Risk Assessment Monitoring System (PRAMS) survey that they either wanted to be pregnant later or not then or at any time in the future.

**STATUS:**

Active

**GOAL**

To decrease the percentage of women delivering a baby in a given year who report that their pregnancy was unintended.

**DEFINITION**

Unintended pregnancy is defined in PRAMS as a woman who responds either that she wanted to be pregnant later or she didn't want to be pregnant then or at any time in the future.

**Numerator:**

Number of women responding to the PRAMS survey that they wanted to be pregnant later or did not want to be pregnant then or at any time in the future.

**Denominator:**

Number of women responding to the PRAMS survey

**Units:** 100 **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

9-1 Increase the proportion of pregnancies that are intended.

9-3

Increase the proportion of females at risk of unintended pregnancy (and their partners) who use contraception.

**DATA SOURCES AND DATA ISSUES**

NC PRAMS survey of resident mothers delivering a live infant. Approximately 2000 women are surveyed each year. Denominator and numerator data are weighted by the CDC.

**SIGNIFICANCE**

Unintended pregnancy is correlated with late or inadequate prenatal care, low birth weight, neonatal death, domestic violence, child abuse, and exposure of the fetus to harmful substances like tobacco, alcohol, and other drugs. It is associated with social and economic co-factors such as economic hardship, marital dissolution, failure to achieve educational goals, and spousal abuse.

SP(Reporting Year) # 6

**PERFORMANCE MEASURE:**

Percent of women of childbearing age taking folic acid regularly.

**STATUS:**

Active

**GOAL**

Increase the proportion of pregnancies begun with an optimum folic acid level.

**DEFINITION**

Percent of women of childbearing age taking folic acid regularly.

**Numerator:**

For 2007 - Number of women between the ages of 18 and 44 responding yes to the question that they have taken a multivitamin 5 or more times a week over the past 6 months. For data prior to 2007 - Number of women between the ages of 18 and 44 responding yes to the BRFSS Folic Acid Module questions "Are any of these [vitamin pills or supplements] a multivitamin?" and "Do any of the vitamin pills or supplements you take contain folic acid?"

**Denominator:**

Number of women between the ages of 18 and 44 responding to the BRFSS Folic Acid Module Questions.

**Units:** 100 **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

16-16. Increase the proportion of pregnancies begun with an optimum folic acid level.

**DATA SOURCES AND DATA ISSUES**

North Carolina BRFSS Folic Acid Module. This module is not included every year in the BRFSS, thus data are available on a periodic basis, not annually.

**SIGNIFICANCE**

Neural Tube Defects (NTDs), including spina bifida, occur when the fetal neural tube fails to close fully, interrupting development of the central nervous system. Approximately 50 percent of pregnancies affected with NTDs may be prevented with adequate consumption of folic acid from 1 month before conception through the first 3 months of pregnancy. In 1992, the US Public Health Service (PHS) recommended that all women of childbearing age consume 400 micrograms of folic acid daily.

SP(Reporting Year) # 7

**PERFORMANCE MEASURE:**

The ratio of school health nurses to the public school student population.

**STATUS:**

Active

**GOAL**

To decrease the ratio of school health nurses to the student population.

**DEFINITION**

The ratio of school health nurses to the public school student population. Ratios are no longer accepted values, but the number of students divided by the number of school health nurse FTEs gives the value for second number in the 1:XXX ratio.

**Numerator:**

The number of public school students in NC in a given school year.

**Denominator:**

The number of school health nurse full-time equivalences (FTEs) in a given school year.

**Units:** 1 **Text:** Ratio

**HEALTHY PEOPLE 2010 OBJECTIVE**

7-4

Increase the proportion of the Nation's elementary, middle, junior high, and senior high schools that have a nurse to student ratio of at least 1:750.

**DATA SOURCES AND DATA ISSUES**

North Carolina Annual School Health Services Report for Public Schools

**SIGNIFICANCE**

A licensed practical nurse or registered nurse is an essential component of a healthy school. Current models of school health services reflect an understanding that children's physical and mental health are linked to their abilities to succeed academically and socially in the school environment. School nurses assess student health and development, help families determine when medical services are needed, and serve as a professional link with physicians and community resources.

**PERFORMANCE MEASURE:**

Percent of women with live, term births who gain within the Institute of Medicine (IOM) Recommended Weight Gain Ranges.

**STATUS:**

Active

**GOAL**

Increase the percent of women with live, term births who gain within the Institute of Medicine (IOM) Recommended Weight Gain Ranges.

**DEFINITION****Numerator:**

Number of women in NC Pregnancy Nutrition Surveillance System (NCPNSS) with adequate weight gain.

**Denominator:**

All women with full term births in NCPNSS for which pregravid height and weight and pregnancy weight gain is known.

**Units:** 100 **Text:** Percent**HEALTHY PEOPLE 2010 OBJECTIVE**

16-12 (Developmental)

Increase the proportion of mothers who achieve a recommended weight gain during pregnancy.

**DATA SOURCES AND DATA ISSUES**

NC Pregnancy Nutrition Surveillance System. These are data from women who participate in the WIC Program linked with birth certificate records. In birth certificate records, data issues include that weight gain is not reported in all records and roughly 30% of records are missing pregravid height and weight. In some cases, an estimation in gestational age has been made. Since a weight minimum instead of range is recommended for women with BMI >29.0, adequacy has been defined as 15-25 pounds (i.e the same as for overweight women). This has been done in order to not create an artificially high number of "excessive weight gain" as a result of a woman not having a gain exactly 15 pounds.

**SIGNIFICANCE**

Weight gains outside of IOM ranges are associated with two times as many poor outcomes as gains within recommended ranges. Excessive weight gain currently accounts for roughly two thirds of these inappropriate gains nationally. Excessive weight gain is strongly associated with postpartum weight retention at one year and subsequent overweight and obesity in women. Pregravid overweight is associated with a substantial increased risk of macrosomia, congenital abnormalities (including neural tube defects), dysfunctional labor and complications in operative deliveries, gestational diabetes, hypertension, pre-eclampsia. Although somewhat controversial, increased preterm delivery and perinatal morbidity have also been associated with pregravid overweight.

SP(Reporting Year) # 9

**PERFORMANCE MEASURE:**

Percent of non-pregnant women of reproductive age who are overweight/obese (BMI>26).

**STATUS:**

Active

**GOAL**

To decrease the percent of non-pregnant women of reproductive age in NC who are overweight/obese (BMI>26)

**DEFINITION**

**Numerator:**

Number of women in NC Pregnancy Nutrition Surveillance System (NCPNSS)with prepregnancy BMI>26.

**Denominator:**

All women with full term births in NCPNSS 2002 for which pregravid height and weight is known.

**Units:** 100 **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

19-1. Increase the proportion of adults who are at a healthy weight to 60 percent.

**DATA SOURCES AND DATA ISSUES**

NC Pregnancy Nutrition Surveillance System which is primarily data from women who participate in the WIC Program linked with birth certificate records. Roughly 30% of total records are missing pregravid height and weight.

**SIGNIFICANCE**

Maintenance of a healthy weight is a major goal in the effort to reduce the burden of illness and its consequent reduction in quality of life and life expectancy. The selection of a BMI cut-point to establish the upper limit of the healthy weight range is based on the relationship of overweight or obesity to risk factors for chronic disease or premature death. A BMI of less than 25 has been accepted by numerous groups as the upper limit of the healthy weight range, since chronic disease risk increases in most populations at or above this cut-point. Women who are overweight at conception have increased obstetric risks including diabetes mellitus, hypertension, preterm births, macrosomia, and dysfunctional labor. Recent evidence suggests that women who enter pregnancy obese significantly increase their child's risk of overweight at 2-4 years of age.

SO(Reporting Year) # 1

**OUTCOME MEASURE:**

The maternal mortality ratio per 100,000 live births.

**STATUS:**

Active

**GOAL**

To reduce the number of maternal deaths.

**DEFINITION**

**Numerator:**

The number of deaths to women while pregnant or within 42 days of termination of pregnancy.

**Denominator:**

Number of live births.

**Units:** 100000 **Text:** Per 100000

**HEALTHY PEOPLE 2010 OBJECTIVE**

**DATA SOURCES AND DATA ISSUES**

Vital records collected by the State. The number of maternal deaths includes direct and indirect obstetric deaths identified through enhanced surveillance of maternal mortality. The enhanced surveillance system involves computer matching of deaths to reproductive-age women to live birth/fetal death records (case finding), and medical review to establish circumstances of death as related to pregnancy complications.

**SIGNIFICANCE**

Review of maternal deaths contributes to our understanding of the risk factors of maternal deaths, as well as to the evaluation and improvement of the quality of care.

**FORM 17**  
**HEALTH SYSTEMS CAPACITY INDICATORS**  
**FORMS FOR HSCI 01 THROUGH 04, 07 & 08 - MULTI-YEAR DATA**  
**STATE: NC**

**Form Level Notes for Form 17**

None

**HEALTH SYSTEMS CAPACITY MEASURE # 01**

The rate of children hospitalized for asthma (ICD-9 Codes: 493.0 -493.9) per 10,000 children less than five years of age.

	<b>Annual Indicator Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	61.5	62.7	26.0	26.3	25.2
<b>Numerator</b>	3,554	3,651	1,534	1,597	1,568
<b>Denominator</b>	577,894	582,302	590,582	607,135	623,069

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

*(Explain data in a year note. See Guidance, Appendix IX.)*

**Is the Data Provisional or Final?**

Final

Final

**Field Level Notes**

1. **Section Number:** Form17\_Health Systems Capacity Indicator #01

**Field Name:** HSC01

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

In reporting CY08 (FY09) data, it was decided to change data to include only those hospital discharges with asthma as a primary condition, thus FY07 data forward are not comparably to data from prior years.

2. **Section Number:** Form17\_Health Systems Capacity Indicator #01

**Field Name:** HSC01

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

In reporting CY08 (FY09) data, it was decided to change data to include only those hospital discharges with asthma as a primary condition, thus FY07 data forward are not comparably to data from prior years.

3. **Section Number:** Form17\_Health Systems Capacity Indicator #01

**Field Name:** HSC01

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

In reporting CY08 (FY09) data, it was decided to change data to include only those hospital discharges with asthma as a primary condition, thus FY07 data forward are not comparably to data from prior years.



**HEALTH SYSTEMS CAPACITY MEASURE # 02**

The percent Medicaid enrollees whose age is less than one year during the reporting year who received at least one initial periodic screen.

	<b>Annual Indicator Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>90.8</u>	<u>91.2</u>	<u>92.1</u>	<u>92.1</u>	<u>89.0</u>
<b>Numerator</b>	<u>95,718</u>	<u>101,575</u>	<u>107,453</u>	<u>110,720</u>	<u>107,398</u>
<b>Denominator</b>	<u>105,384</u>	<u>111,411</u>	<u>116,718</u>	<u>120,255</u>	<u>120,713</u>

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

**Field Level Notes**

- Section Number:** Form17\_Health Systems Capacity Indicator #02

**Field Name:** HSC02

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

These data are taken from the HMLR5501 SFY report.

- Section Number:** Form17\_Health Systems Capacity Indicator #02

**Field Name:** HSC02

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

These data are taken from the HMLR5501 SFY report.

- Section Number:** Form17\_Health Systems Capacity Indicator #02

**Field Name:** HSC02

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Prior to FY99, calendar year data are reported, but beginning with FY00, state fiscal year data (July-June) are reported. These data are taken from the HMLR5501 SFY report.

**HEALTH SYSTEMS CAPACITY MEASURE # 03**

The percent State Childrens Health Insurance Program (SCHIP) enrollees whose age is less than one year during the reporting year who received at least one periodic screen.

	<b>Annual Indicator Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>74.3</u>	<u>71.8</u>	<u>92.1</u>	<u>92.1</u>	<u>89.0</u>
<b>Numerator</b>	<u>104</u>	<u>89</u>	<u>107,453</u>	<u>110,720</u>	<u>107,398</u>
<b>Denominator</b>	<u>140</u>	<u>124</u>	<u>116,718</u>	<u>120,225</u>	<u>120,713</u>

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

**Field Level Notes**

1. **Section Number:** Form17\_Health Systems Capacity Indicator #03

**Field Name:** HSC03

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

As of January 1, 2006, children age 0 to 5 in North Carolina whose family income is <200% of poverty are eligible for Medicaid, so data on all infants is included in HSCl#02. The data placed in this field is just a repeat of HSC02 as an estimate was required.

2. **Section Number:** Form17\_Health Systems Capacity Indicator #03

**Field Name:** HSC03

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

As of January 1, 2006, children age 0 to 5 in North Carolina whose family income is <200% of poverty are eligible for Medicaid, so data on all infants is included in HSCl#02. The data placed in this field is just a repeat of HSC02 as an estimate was required.

3. **Section Number:** Form17\_Health Systems Capacity Indicator #03

**Field Name:** HSC03

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

As of January 1, 2006, children age 0 to 5 in North Carolina whose family income is <200% of poverty are eligible for Medicaid, so data on all infants is included in HSCl#02. The data placed in this field is just a repeat of HSC02 as an estimate was required.

**HEALTH SYSTEMS CAPACITY MEASURE # 04**

The percent of women (15 through 44) with a live birth during the reporting year whose observed to expected prenatal visits are greater than or equal to 80 percent on the Kotelchuck Index.

	<b>Annual Indicator Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>87.8</u>	<u>86.7</u>	<u>85.6</u>	<u>85.3</u>	<u>85.6</u>
<b>Numerator</b>	<u>104,833</u>	<u>106,360</u>	<u>108,935</u>	<u>111,324</u>	<u>111,535</u>
<b>Denominator</b>	<u>119,378</u>	<u>122,642</u>	<u>127,265</u>	<u>130,485</u>	<u>130,358</u>

Check this box if you cannot report the numerator because

1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

**Field Level Notes**

1. **Section Number:** Form17\_Health Systems Capacity Indicator #04

**Field Name:** HSC04

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Data are for previous CY (i.e., FY09 is really CY08).

2. **Section Number:** Form17\_Health Systems Capacity Indicator #04

**Field Name:** HSC04

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Data are for previous CY (i.e., FY08 is really CY07).

3. **Section Number:** Form17\_Health Systems Capacity Indicator #04

**Field Name:** HSC04

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Data are for previous CY (i.e., FY07 is really CY06).

**HEALTH SYSTEMS CAPACITY MEASURE # 07A**

Percent of potentially Medicaid-eligible children who have received a service paid by the Medicaid Program.

	<b>Annual Indicator Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>87.8</u>	<u>88.3</u>	<u>88.6</u>	<u>89.4</u>	<u>90.2</u>
<b>Numerator</b>	<u>796,361</u>	<u>854,341</u>	<u>881,005</u>	<u>922,898</u>	<u>987,039</u>
<b>Denominator</b>	<u>906,853</u>	<u>968,025</u>	<u>994,403</u>	<u>1,032,444</u>	<u>1,093,866</u>

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

**Field Level Notes****1. Section Number:** Form17\_Health Systems Capacity Indicator #07A**Field Name:** HSC07A**Row Name:****Column Name:****Year:** 2009**Field Note:**

The methodology for determining data for this measure changed starting with FY02 data. In years past, any claim was counted, but beginning with FY02 data, claims which did not include provider contact were eliminated, thus the percentage decreased quite a bit from previous years.

**2. Section Number:** Form17\_Health Systems Capacity Indicator #07A**Field Name:** HSC07A**Row Name:****Column Name:****Year:** 2008**Field Note:**

The methodology for determining data for this measure changed starting with FY02 data. In years past, any claim was counted, but beginning with FY02 data, claims which did not include provider contact were eliminated, thus the percentage decreased quite a bit from previous years.

**3. Section Number:** Form17\_Health Systems Capacity Indicator #07A**Field Name:** HSC07A**Row Name:****Column Name:****Year:** 2007**Field Note:**

The methodology for determining data for this measure changed starting with FY02 data. In years past, any claim was counted, but beginning with FY02 data, claims which did not include provider contact were eliminated, thus the percentage decreased quite a bit from previous years.

**HEALTH SYSTEMS CAPACITY MEASURE # 07B**

The percent of EPSDT eligible children aged 6 through 9 years who have received any dental services during the year.

	2005	2006	<b>Annual Indicator Data</b>		
			2007	2008	2009
<b>Annual Indicator</b>	<u>37.9</u>	<u>39.9</u>	<u>42.1</u>	<u>43.8</u>	<u>43.7</u>
<b>Numerator</b>	<u>71,513</u>	<u>83,846</u>	<u>91,877</u>	<u>100,218</u>	<u>107,245</u>
<b>Denominator</b>	<u>188,464</u>	<u>210,216</u>	<u>218,377</u>	<u>228,706</u>	<u>245,217</u>

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

**Field Level Notes**

**1. Section Number:** Form17\_Health Systems Capacity Indicator #07B

**Field Name:** HSC07B

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Data are for previous CY (i.e., FY09 is really CY08).

**2. Section Number:** Form17\_Health Systems Capacity Indicator #07B

**Field Name:** HSC07B

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Data are for previous CY (i.e., FY08 is really CY07).

**3. Section Number:** Form17\_Health Systems Capacity Indicator #07B

**Field Name:** HSC07B

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Data are for previous CY (i.e., FY07 is really CY06).

**HEALTH SYSTEMS CAPACITY MEASURE # 08**

The percent of State SSI beneficiaries less than 16 years old receiving rehabilitative services from the State Children with Special Health Care Needs (CSHCN) Program.

	<b>Annual Indicator Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	100.0	100.0	100.0	100.0	100.0
<b>Numerator</b>	31,303	32,485	33,702	34,211	35,056
<b>Denominator</b>	31,303	32,485	33,702	34,211	35,056

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

**Field Level Notes**

1. **Section Number:** Form17\_Health Systems Capacity Indicator #08

**Field Name:** HSC08

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Data Source: Social Security Administration, Supplemental Security Record (Characteristic Extract Record format), 100 percent data. Data are as of December 2009.

New methodology initiated in FY02 application and all indicators have been revised. Since January 1, 1995, all SSI beneficiaries <16 years old have been eligible for Medicaid in North Carolina.

2. **Section Number:** Form17\_Health Systems Capacity Indicator #08

**Field Name:** HSC08

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Data Source: Social Security Administration, Supplemental Security Record (Characteristic Extract Record format), 100 percent data. Data are as of December 2008.

New methodology initiated in FY02 application and all indicators have been revised. Since January 1, 1995, all SSI beneficiaries <16 years old have been eligible for Medicaid in North Carolina.

3. **Section Number:** Form17\_Health Systems Capacity Indicator #08

**Field Name:** HSC08

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Data Source: Social Security Administration, Supplemental Security Record (Characteristic Extract Record format), 100 percent data. Data are as of December 2007.

New methodology initiated in FY02 application and all indicators have been revised. Since January 1, 1995, all SSI beneficiaries <16 years old have been eligible for Medicaid in North Carolina.



**FORM 18**  
**HEALTH SYSTEMS CAPACITY INDICATOR #05**  
**(MEDICAID AND NON-MEDICAID COMPARISON)**  
**STATE: NC**

INDICATOR #05 <i>Comparison of health system capacity indicators for Medicaid, non-Medicaid, and all MCH populations in the State</i>	YEAR	DATA SOURCE	POPULATION		
			MEDICAID	NON-MEDICAID	ALL
a) <i>Percent of low birth weight (&lt; 2,500 grams)</i>	2008	Matching data files	<u>10.5</u>	<u>7.6</u>	<u>9.1</u>
b) <i>Infant deaths per 1,000 live births</i>	2007	Matching data files	<u>10</u>	<u>6.4</u>	<u>8.9</u>
c) <i>Percent of infants born to pregnant women receiving prenatal care beginning in the first trimester</i>	2008	Matching data files	<u>75.1</u>	<u>93</u>	<u>82</u>
d) <i>Percent of pregnant women with adequate prenatal care (observed to expected prenatal visits is greater than or equal to 80% [Kotelchuck Index])</i>	2008	Matching data files	<u>82.6</u>	<u>88.8</u>	<u>85.5</u>



**FORM 18**  
**HEALTH SYSTEMS CAPACITY INDICATOR #06(MEDICAID ELIGIBILITY LEVEL)**  
**STATE: NC**

<b>INDICATOR #06</b> <i>The percent of poverty level for eligibility in the State's Medicaid programs for infants (0 to 1), children, Medicaid and pregnant women.</i>	<b>YEAR</b>	<b>PERCENT OF POVERTY LEVEL MEDICAID</b> (Valid range: 100-300 percent)
a) <i>Infants (0 to 1)</i>	2009	<div style="text-align: right;">200</div>
b) <i>Medicaid Children</i> (Age range <div style="display: inline-block; width: 40px; border-bottom: 1px solid black; text-align: center;">1</div> to <div style="display: inline-block; width: 40px; border-bottom: 1px solid black; text-align: center;">5</div> ) (Age range <div style="display: inline-block; width: 40px; border-bottom: 1px solid black; text-align: center;">6</div> to <div style="display: inline-block; width: 40px; border-bottom: 1px solid black; text-align: center;">18</div> ) (Age range <div style="display: inline-block; width: 40px; border-bottom: 1px solid black; text-align: center;"></div> to <div style="display: inline-block; width: 40px; border-bottom: 1px solid black; text-align: center;"></div> )	2009	<div style="text-align: right;">200</div> <div style="text-align: right;">100</div> <div style="text-align: right;"></div>
c) <i>Pregnant Women</i>	2009	<div style="text-align: right;">185</div>

**FORM 18**  
**HEALTH SYSTEMS CAPACITY INDICATOR #06(SCHIP ELIGIBILITY LEVEL)**  
**STATE: NC**

<b>INDICATOR #06</b> <i>The percent of poverty level for eligibility in the State's SCHIP programs for infants (0 to 1), children, SCHIP and pregnant women.</i>	YEAR	PERCENT OF POVERTY LEVEL SCHIP
a) <i>Infants (0 to 1)</i>		_____
b) <i>Medicaid Children</i> (Age range _____ 6 to _____ 18 ) (Age range _____ to _____ ) (Age range _____ to _____ )	2009	_____ 200 _____ _____
c) <i>Pregnant Women</i>		_____

## FORM NOTES FOR FORM 18

None

### FIELD LEVEL NOTES

1. **Section Number:** Form18\_Indicator 06 - SCHIP  
**Field Name:** SCHIP\_Infant  
**Row Name:** Infants  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
As of January 1, 2006, children age 0 to 5 in NC whose family income is <200% of poverty are eligible for Medicaid.
2. **Section Number:** Form18\_Indicator 06 - SCHIP  
**Field Name:** SCHIP\_Women  
**Row Name:** Pregnant Women  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
The state SCHIP program, Health Choice, does not cover pregnant women.
3. **Section Number:** Form18\_Indicator 05  
**Field Name:** CareFirstTrimester  
**Row Name:** Percent of infants born to pregnant women receiving prenatal care beginning in the first trimester  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data for this indicator differ from NPM#18 because this indicator is based on CY2008 data and NPM#18 FY2008 is really CY2007 data. This indicator matches the data listed under FY2009 in NPM#18.
4. **Section Number:** Form18\_Indicator 05  
**Field Name:** AdequateCare  
**Row Name:** Percent of pregnant women with adequate prenatal care  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data for this indicator differ from HSCI#4 because this indicator includes women ages 18 through 50 and HSCI#4 only includes women ages 14 through 44. Also, this is CY08 data, so it would match up better with FY09 data for HSCI#4 which is actually CY08 data instead of FY08 data which is CY07.

**FORM 19**  
**HEALTH SYSTEMS CAPACITY INDICATOR - REPORTING AND TRACKING FORM**  
**STATE: NC**

**HEALTH SYSTEMS CAPACITY INDICATOR #09A (General MCH Data Capacity)**  
*(The Ability of the State to Assure MCH Program Access to Policy and Program Relevant Information)*

DATABASES OR SURVEYS	Does your MCH program have the ability to obtain data for program planning or policy purposes in a timely manner? (Select 1 - 3) *	Does your MCH program have Direct access to the electronic database for analysis? (Select Y/N)
<b>ANNUAL DATA LINKAGES</b>		
Annual linkage of infant birth and infant death certificates	3	Yes
Annual linkage of birth certificates and Medicaid Eligibility or Paid Claims Files	3	Yes
Annual linkage of birth certificates and WIC eligibility files	3	Yes
Annual linkage of birth certificates and newborn screening files	1	No
<b>REGISTRIES AND SURVEYS</b>		
Hospital discharge survey for at least 90% of in-State discharges	3	Yes
Annual birth defects surveillance system	3	Yes
Survey of recent mothers at least every two years (like PRAMS)	3	Yes

\*Where:  
1 = No, the MCH agency does not have this ability.  
2 = Yes, the MCH agency sometimes has this ability, but not on a consistent basis.  
3 = Yes, the MCH agency always has this ability.

**FORM 19**  
**HEALTH SYSTEMS CAPACITY INDICATOR - REPORTING AND TRACKING FORM**  
**STATE: NC**

DATA SOURCES	Does your state participate in the YRBS survey? (Select 1 - 3)*	Does your MCH program have direct access to the state YRBS database for analysis? (Select Y/N)
Youth Risk Behavior Survey (YRBS)	3	Yes
Other: Youth Tobacco Survey (every other year)	3	Yes

\*Where:  
1 = No  
2 = Yes, the State participates but the sample size is not large enough for valid statewide estimates for this age group.  
3 = Yes, the State participates and the sample size is large enough for valid statewide estimates for this age group.

**Notes:**  
1. HEALTH SYSTEMS CAPACITY INDICATOR #09B was formerly reported as Developmental Health Status Indicator #05.

**FORM NOTES FOR FORM 19**

None

**FIELD LEVEL NOTES**

None

**FORM 20**  
**HEALTH STATUS INDICATORS #01-#05**  
**MULTI-YEAR DATA**  
**STATE: NC**

**Form Level Notes for Form 20**

None

**HEALTH STATUS INDICATOR MEASURE # 01A**

The percent of live births weighing less than 2,500 grams.

	<u>Annual Indicator Data</u>				
	2005	2006	2007	2008	2009
Annual Indicator	9.1	9.2	9.1	9.2	9.1
Numerator	10,846	11,353	11,595	12,100	11,929
Denominator	119,773	123,040	127,646	130,886	130,758

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer  
 than 5 and therefore a 3-year moving average cannot be  
 applied.

*(Explain data in a year note. See Guidance, Appendix IX.)*

Is the Data Provisional or Final?

Final

Final

**Field Level Notes**

- Section Number:** Form20\_Health Status Indicator #01A  
**Field Name:** HSI01A  
**Row Name:**  
**Column Name:**  
**Year:** 2009  
**Field Note:**  
 Data are for the prior CY, e.g., FY09 is really CY08 data.
- Section Number:** Form20\_Health Status Indicator #01A  
**Field Name:** HSI01A  
**Row Name:**  
**Column Name:**  
**Year:** 2008  
**Field Note:**  
 Data are for the prior CY, e.g., FY08 is really CY07 data.
- Section Number:** Form20\_Health Status Indicator #01A  
**Field Name:** HSI01A  
**Row Name:**  
**Column Name:**  
**Year:** 2007  
**Field Note:**  
 Data are for the prior CY, e.g., FY07 is really CY06 data.

**HEALTH STATUS INDICATOR MEASURE # 01B**

The percent of live singleton births weighing less than 2,500 grams.

		<b>Annual Indicator Data</b>			
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>7.3</u>	<u>7.4</u>	<u>7.3</u>	<u>7.4</u>	<u>7.3</u>
<b>Numerator</b>	<u>8,437</u>	<u>8,754</u>	<u>9,056</u>	<u>9,409</u>	<u>9,201</u>
<b>Denominator</b>	<u>115,855</u>	<u>118,775</u>	<u>123,475</u>	<u>126,471</u>	<u>126,358</u>
Check this box if you cannot report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.					
(Explain data in a year note. See Guidance, Appendix IX.)					
<b>Is the Data Provisional or Final?</b>				Final	Final

**Field Level Notes**

- Section Number:** Form20\_Health Status Indicator #01B  
**Field Name:** HSI01B  
**Row Name:**  
**Column Name:**  
**Year:** 2009  
**Field Note:**  
 Data are for the prior CY, e.g., FY09 is really CY08 data.
- Section Number:** Form20\_Health Status Indicator #01B  
**Field Name:** HSI01B  
**Row Name:**  
**Column Name:**  
**Year:** 2008  
**Field Note:**  
 Data are for the prior CY, e.g., FY08 is really CY07 data.
- Section Number:** Form20\_Health Status Indicator #01B  
**Field Name:** HSI01B  
**Row Name:**  
**Column Name:**  
**Year:** 2007  
**Field Note:**  
 Data are for the prior CY, e.g., FY07 is really CY06 data.



**HEALTH STATUS INDICATOR MEASURE # 02A**

The percent of live births weighing less than 1,500 grams.

		<b>Annual Indicator Data</b>			
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>1.9</u>	<u>1.9</u>	<u>1.8</u>	<u>1.8</u>	<u>1.8</u>
<b>Numerator</b>	<u>2,291</u>	<u>2,300</u>	<u>2,346</u>	<u>2,416</u>	<u>2,296</u>
<b>Denominator</b>	<u>119,773</u>	<u>123,040</u>	<u>127,646</u>	<u>130,886</u>	<u>130,758</u>
Check this box if you cannot report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.					
(Explain data in a year note. See Guidance, Appendix IX.)					
<b>Is the Data Provisional or Final?</b>				Final	Final

**Field Level Notes**

- Section Number:** Form20\_Health Status Indicator #02A  
**Field Name:** HSI02A  
**Row Name:**  
**Column Name:**  
**Year:** 2009  
**Field Note:**  
 Data are for the prior CY, e.g., FY09 is really CY08 data.
- Section Number:** Form20\_Health Status Indicator #02A  
**Field Name:** HSI02A  
**Row Name:**  
**Column Name:**  
**Year:** 2008  
**Field Note:**  
 Data are for the prior CY, e.g., FY08 is really CY07 data.
- Section Number:** Form20\_Health Status Indicator #02A  
**Field Name:** HSI02A  
**Row Name:**  
**Column Name:**  
**Year:** 2007  
**Field Note:**  
 Data are for the prior CY, e.g., FY07 is really CY06 data.

**HEALTH STATUS INDICATOR MEASURE # 02B**

The percent of live singleton births weighing less than 1,500 grams.

		<b>Annual Indicator Data</b>			
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>1.5</u>	<u>1.4</u>	<u>1.4</u>	<u>1.4</u>	<u>1.4</u>
<b>Numerator</b>	<u>1,723</u>	<u>1,719</u>	<u>1,751</u>	<u>1,811</u>	<u>1,732</u>
<b>Denominator</b>	<u>115,855</u>	<u>118,775</u>	<u>123,475</u>	<u>126,471</u>	<u>126,358</u>
Check this box if you cannot report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied. (Explain data in a year note. See Guidance, Appendix IX.)					
<b>Is the Data Provisional or Final?</b>				Final	Final

**Field Level Notes**

- Section Number:** Form20\_Health Status Indicator #02B  
**Field Name:** HSI02B  
**Row Name:**  
**Column Name:**  
**Year:** 2009  
**Field Note:**  
 Data are for the prior CY, e.g., FY09 is really CY08 data.
- Section Number:** Form20\_Health Status Indicator #02B  
**Field Name:** HSI02B  
**Row Name:**  
**Column Name:**  
**Year:** 2008  
**Field Note:**  
 Data are for the prior CY, e.g., FY08 is really CY07 data.
- Section Number:** Form20\_Health Status Indicator #02B  
**Field Name:** HSI02B  
**Row Name:**  
**Column Name:**  
**Year:** 2007  
**Field Note:**  
 Data are for the prior CY, e.g., FY07 is really CY06 data.

**HEALTH STATUS INDICATOR MEASURE # 03A**

The death rate per 100,000 due to unintentional injuries among children aged 14 years and younger.

	<b>Annual Indicator Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>10.6</u>	<u>9.3</u>	<u>9.5</u>	<u>9.6</u>	<u>8.3</u>
<b>Numerator</b>	<u>183</u>	<u>163</u>	<u>170</u>	<u>175</u>	<u>152</u>
<b>Denominator</b>	<u>1,731,988</u>	<u>1,751,959</u>	<u>1,788,230</u>	<u>1,823,562</u>	<u>1,829,372</u>

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

**Field Level Notes**

- Section Number:** Form20\_Health Status Indicator #03A  
**Field Name:** HSI03A  
**Row Name:**  
**Column Name:**  
**Year:** 2009  
**Field Note:**  
 Data are for the prior CY, e.g., FY09 is really CY08 data.
- Section Number:** Form20\_Health Status Indicator #03A  
**Field Name:** HSI03A  
**Row Name:**  
**Column Name:**  
**Year:** 2008  
**Field Note:**  
 Data are for the prior CY, e.g., FY08 is really CY07 data.
- Section Number:** Form20\_Health Status Indicator #03A  
**Field Name:** HSI03A  
**Row Name:**  
**Column Name:**  
**Year:** 2007  
**Field Note:**  
 Data are for the prior CY, e.g., FY07 is really CY06 data.

**HEALTH STATUS INDICATOR MEASURE # 03B**

The death rate per 100,000 for unintentional injuries among children aged 14 years and younger due to motor vehicle crashes.

	<b>Annual Indicator Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>5.5</u>	<u>4.7</u>	<u>5.0</u>	<u>4.0</u>	<u>3.0</u>
<b>Numerator</b>	<u>96</u>	<u>82</u>	<u>90</u>	<u>73</u>	<u>54</u>
<b>Denominator</b>	<u>1,731,988</u>	<u>1,751,959</u>	<u>1,788,230</u>	<u>1,823,562</u>	<u>1,829,372</u>

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

**Field Level Notes**

- Section Number:** Form20\_Health Status Indicator #03B  
**Field Name:** HSI03B  
**Row Name:**  
**Column Name:**  
**Year:** 2009  
**Field Note:**  
 Data are for the prior CY, e.g., FY09 is really CY08 data.
- Section Number:** Form20\_Health Status Indicator #03B  
**Field Name:** HSI03B  
**Row Name:**  
**Column Name:**  
**Year:** 2008  
**Field Note:**  
 Data are for the prior CY, e.g., FY08 is really CY07 data.
- Section Number:** Form20\_Health Status Indicator #03B  
**Field Name:** HSI03B  
**Row Name:**  
**Column Name:**  
**Year:** 2007  
**Field Note:**  
 Data are for the prior CY, e.g., FY07 is really CY06 data.

**HEALTH STATUS INDICATOR MEASURE # 03C**

The death rate per 100,000 from unintentional injuries due to motor vehicle crashes among youth aged 15 through 24 years.

	<b>Annual Indicator Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>34.8</u>	<u>31.0</u>	<u>29.5</u>	<u>30.5</u>	<u>25.3</u>
<b>Numerator</b>	<u>430</u>	<u>390</u>	<u>377</u>	<u>401</u>	<u>344</u>
<b>Denominator</b>	<u>1,233,909</u>	<u>1,256,605</u>	<u>1,278,943</u>	<u>1,315,580</u>	<u>1,358,075</u>

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

**Field Level Notes**

**1. Section Number:** Form20\_Health Status Indicator #03C

**Field Name:** HSI03C

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Data are for the prior CY, e.g., FY09 is really CY08 data.

**2. Section Number:** Form20\_Health Status Indicator #03C

**Field Name:** HSI03C

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Data are for the prior CY, e.g., FY08 is really CY07 data.

**3. Section Number:** Form20\_Health Status Indicator #03C

**Field Name:** HSI03C

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Data are for the prior CY, e.g., FY07 is really CY06 data.

**HEALTH STATUS INDICATOR MEASURE # 04A**

The rate per 100,000 of all nonfatal injuries among children aged 14 years and younger.

		<b>Annual Indicator Data</b>			
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>323.7</u>	<u>339.2</u>	<u>333.8</u>	<u>339.4</u>	<u>347.6</u>
<b>Numerator</b>	<u>5,606</u>	<u>5,943</u>	<u>5,969</u>	<u>6,190</u>	<u>6,358</u>
<b>Denominator</b>	<u>1,731,988</u>	<u>1,751,959</u>	<u>1,788,230</u>	<u>1,823,562</u>	<u>1,829,372</u>
Check this box if you cannot report the numerator because 1. There are fewer than 5 events over the last year, and 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.					
(Explain data in a year note. See Guidance, Appendix IX.)					
<b>Is the Data Provisional or Final?</b>				Final	Final

**Field Level Notes**

- Section Number:** Form20\_Health Status Indicator #04A  
**Field Name:** HSI04A  
**Row Name:**  
**Column Name:**  
**Year:** 2009  
**Field Note:**  
 Data are for the prior CY, e.g., FY09 is really CY08 data.
- Section Number:** Form20\_Health Status Indicator #04A  
**Field Name:** HSI04A  
**Row Name:**  
**Column Name:**  
**Year:** 2008  
**Field Note:**  
 Data are for the prior CY, e.g., FY08 is really CY07 data.
- Section Number:** Form20\_Health Status Indicator #04A  
**Field Name:** HSI04A  
**Row Name:**  
**Column Name:**  
**Year:** 2007  
**Field Note:**  
 Data are for the prior CY, e.g., FY07 is really CY06 data.

**HEALTH STATUS INDICATOR MEASURE # 04B**

The rate per 100,000 of nonfatal injuries due to motor vehicle crashes among children aged 14 years and younger.

	<b>Annual Indicator Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>26.6</u>	<u>23.4</u>	<u>22.5</u>	<u>24.1</u>	<u>17.1</u>
<b>Numerator</b>	<u>461</u>	<u>410</u>	<u>403</u>	<u>439</u>	<u>313</u>
<b>Denominator</b>	<u>1,731,988</u>	<u>1,751,959</u>	<u>1,788,230</u>	<u>1,823,562</u>	<u>1,829,372</u>

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

**Field Level Notes**

1. **Section Number:** Form20\_Health Status Indicator #04B

**Field Name:** HSI04B

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Numerator: In the 2007 application, these data were changed from reports of all motor vehicle injuries per the UNC Highway Safety Research Center to just those injuries reported in hospital discharge data.

Denominator: Population Estimates from the NC SCHS.

Data are for the prior CY, e.g., FY09 is really CY08 data.

2. **Section Number:** Form20\_Health Status Indicator #04B

**Field Name:** HSI04B

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Numerator: In the 2007 application, these data were changed from reports of all motor vehicle injuries per the UNC Highway Safety Research Center to just those injuries reported in hospital discharge data.

Denominator: Population Estimates from the NC SCHS.

Data are for the prior CY, e.g., FY08 is really CY07 data.

3. **Section Number:** Form20\_Health Status Indicator #04B

**Field Name:** HSI04B

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Numerator: In the 2007 application, these data were changed from reports of all motor vehicle injuries per the UNC Highway Safety Research Center to just those injuries reported in hospital discharge data.

Denominator: Population Estimates from the NC SCHS.

Data are for the prior CY, e.g., FY07 is really CY06 data.

**HEALTH STATUS INDICATOR MEASURE # 04C**

The rate per 100,000 of nonfatal injuries due to motor vehicle crashes among youth aged 15 through 24 years.

	<b>Annual Indicator Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>136.4</u>	<u>133.8</u>	<u>128.7</u>	<u>131.7</u>	<u>110.8</u>
<b>Numerator</b>	<u>1,645</u>	<u>1,681</u>	<u>1,646</u>	<u>1,733</u>	<u>1,505</u>
<b>Denominator</b>	<u>1,206,204</u>	<u>1,256,605</u>	<u>1,278,943</u>	<u>1,315,580</u>	<u>1,358,075</u>

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Final

**Field Level Notes**

1. **Section Number:** Form20\_Health Status Indicator #04C

**Field Name:** HSI04C

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Numerator: In the 2007 application, these data were changed from reports of all motor vehicle injuries per the UNC Highway Safety Research Center to just those injuries reported in hospital discharge data.

Denominator: Population Estimates from the NC SCHS.

Data are for the prior CY, e.g., FY09 is really CY08 data.

2. **Section Number:** Form20\_Health Status Indicator #04C

**Field Name:** HSI04C

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Numerator: In the 2007 application, these data were changed from reports of all motor vehicle injuries per the UNC Highway Safety Research Center to just those injuries reported in hospital discharge data.

Denominator: Population Estimates from the NC SCHS.

Data are for the prior CY, e.g., FY08 is really CY07 data.

3. **Section Number:** Form20\_Health Status Indicator #04C

**Field Name:** HSI04C

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Numerator: In the 2007 application, these data were changed from reports of all motor vehicle injuries per the UNC Highway Safety Research Center to just those injuries reported in hospital discharge data.

Denominator: Population Estimates from the NC SCHS.

Data are for the prior CY, e.g., FY07 is really CY06 data.



**HEALTH STATUS INDICATOR MEASURE # 05A**

The rate per 1,000 women aged 15 through 19 years with a reported case of chlamydia.

	<b>Annual Indicator Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>36.0</u>	<u>36.5</u>	<u>32.0</u>	<u>39.6</u>	<u>44.8</u>
<b>Numerator</b>	<u>10,366</u>	<u>10,811</u>	<u>9,689</u>	<u>12,123</u>	<u>13,716</u>
<b>Denominator</b>	<u>287,759</u>	<u>295,912</u>	<u>302,427</u>	<u>306,177</u>	<u>306,177</u>

Check this box if you cannot report the numerator because  
1. There are fewer than 5 events over the last year, and  
2. The average number of events over the last 3 years is fewer  
than 5 and therefore a 3-year moving average cannot be  
applied.

*(Explain data in a year note. See Guidance, Appendix IX.)*

**Is the Data Provisional or Final?**

Final

Provisional

**Field Level Notes**

1. **Section Number:** Form20\_Health Status Indicator #05A

**Field Name:** HSI05A

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Rate denominators were calculated using the latest available bridged race population estimates from the National Center for Health Statistics. Because bridged race population estimates were unavailable for 2009, 2008 estimates were used as denominators in rate calculation for 2009. Thus, the 2009 rates should be considered preliminary.

**HEALTH STATUS INDICATOR MEASURE # 05B**

The rate per 1,000 women aged 20 through 44 years with a reported case of chlamydia.

	<b>Annual Indicator Data</b>				
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Indicator</b>	<u>9.5</u>	<u>10.2</u>	<u>9.4</u>	<u>11.1</u>	<u>13.0</u>
<b>Numerator</b>	<u>14,675</u>	<u>15,839</u>	<u>14,911</u>	<u>17,555</u>	<u>20,694</u>
<b>Denominator</b>	<u>1,541,266</u>	<u>1,557,051</u>	<u>1,579,823</u>	<u>1,586,316</u>	<u>1,586,316</u>

Check this box if you cannot report the numerator because  
 1. There are fewer than 5 events over the last year, and  
 2. The average number of events over the last 3 years is fewer than 5 and therefore a 3-year moving average cannot be applied.

(Explain data in a year note. See Guidance, Appendix IX.)

Is the Data Provisional or Final?

Final

Provisional

**Field Level Notes**

1. **Section Number:** Form20\_Health Status Indicator #05B

**Field Name:** HSI05B

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Rate denominators were calculated using the latest available bridged race population estimates from the National Center for Health Statistics. Because bridged race population estimates were unavailable for 2009, 2008 estimates were used as denominators in rate calculation for 2009. Thus, the 2009 rates should be considered preliminary.

2. **Section Number:** Form20\_Health Status Indicator #05B

**Field Name:** HSI05B

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Rate denominators were calculated using the latest available bridged race population estimates from the National Center for Health Statistics. Because bridged race population estimates were unavailable for 2008, 2007 estimates were used as denominators in rate calculation for 2008. Thus, the 2008 rates should be considered preliminary.

3. **Section Number:** Form20\_Health Status Indicator #05B

**Field Name:** HSI05B

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Rate denominators were calculated using the latest available bridged race population estimates from the National Center for Health Statistics. Because bridged race population estimates were unavailable for 2007, 2006 estimates were used as denominators in rate calculation for 2007. Thus, the 2007 rates should be considered preliminary.



**FORM 21**  
**HEALTH STATUS INDICATORS**  
**DEMOGRAPHIC DATA**  
**STATE: NC**

**HSI #06A - Demographics (Total Population)** *Infants and children aged 0 through 24 years enumerated by sub-populations of age group and race. (Demographics)*

For both parts A and B: Reporting Year: 2008    Is this data from a State Projection? No    Is this data final or provisional? Final

<b>CATEGORY TOTAL POPULATION BY RACE</b>	<b>Total All Races</b>	<b>White</b>	<b>Black or African American</b>	<b>American Indian or Native Alaskan</b>	<b>Asian</b>	<b>Native Hawaiian or Other Pacific Islander</b>	<b>More than one race reported</b>	<b>Other and Unknown</b>
Infants 0 to 1	134,248	90,968	34,037	2,128	2,932	180	4,003	0
Children 1 through 4	518,575	364,080	116,885	7,589	12,255	605	17,161	0
Children 5 through 9	623,448	438,496	143,610	8,934	13,735	658	18,015	0
Children 10 through 14	594,738	409,922	150,504	8,338	12,311	471	13,192	0
Children 15 through 19	628,992	425,227	173,014	9,242	11,094	464	9,951	0
Children 20 through 24	627,073	439,760	158,900	9,138	10,448	579	8,248	0
Children 0 through 24	3,127,074	2,168,453	776,950	45,369	62,775	2,957	70,570	0

**HSI #06B - Demographics (Total Population)** *Infants and children aged 0 through 24 years enumerated by sub-populations of age group and ethnicity. (Demographics)*

<b>CATEGORY TOTAL POPULATION BY HISPANIC ETHNICITY</b>	<b>Total NOT Hispanic or Latino</b>	<b>Total Hispanic or Latino</b>	<b>Ethnicity Not Reported</b>
Infants 0 to 1	110,904	23,344	0
Children 1 through 4	432,272	86,303	0
Children 5 through 9	543,571	79,877	0
Children 10 through 14	540,742	53,996	0
Children 15 through 19	584,462	44,530	0
Children 20 through 24	576,337	50,736	0
Children 0 through 24	2,788,288	338,786	0

**FORM 21**  
**HEALTH STATUS INDICATORS**  
**DEMOGRAPHIC DATA**  
**STATE: NC**

**HSI #07A - Demographics (Total live births)** *Live births to women (of all ages) enumerated by maternal age and race. (Demographics)*

For both parts A and B: Reporting Year: 2008    Is this data from a State Projection? No    Is this data final or provisional? Final

<b>CATEGORY TOTAL LIVE BIRTHS BY RACE</b>	<b>Total All Races</b>	<b>White</b>	<b>Black or African American</b>	<b>American Indian or Native Alaskan</b>	<b>Asian</b>	<b>Native Hawaiian or Other Pacific Islander</b>	<b>More than one race reported</b>	<b>Other and Unknown</b>
Women < 15	235	105	123	5	1	0	0	1
Women 15 through 17	4,730	2,720	1,832	117	35	0	0	26
Women 18 through 19	10,398	6,139	3,841	243	114	1	0	60
Women 20 through 34	98,811	71,458	22,722	1,280	3,077	27	0	247
Women 35 or older	16,578	12,802	2,805	137	791	2	0	41
Women of all ages	130,752	93,224	31,323	1,782	4,018	30	0	375

**HSI #07B - Demographics (Total live births)** *Live births to women (of all ages) enumerated by maternal age and ethnicity. (Demographics)*

<b>CATEGORY TOTAL LIVE BIRTHS BY HISPANIC ETHNICITY</b>	<b>Total NOT Hispanic or Latino</b>	<b>Total Hispanic or Latino</b>	<b>Ethnicity Not Reported</b>
Women < 15	177	57	1
Women 15 through 17	3,672	1,043	15
Women 18 through 19	8,747	1,638	13
Women 20 through 34	81,883	16,824	104
Women 35 or older	14,496	2,057	25
Women of all ages	108,975	21,619	158

**FORM 21**  
**HEALTH STATUS INDICATORS**  
**DEMOGRAPHIC DATA**  
**STATE: NC**

**HSI #08A - Demographics (Total deaths)** Deaths of Infants and children aged 0 through 24 years enumerated by age subgroup and race. (Demographics)

For both parts A and B: Reporting Year: 2008 Is this data from a State Projection? No Is this data final or provisional? Final

<b>CATEGORY TOTAL DEATHS BY RACE</b>	<b>Total All Races</b>	<b>White</b>	<b>Black or African American</b>	<b>American Indian or Native Alaskan</b>	<b>Asian</b>	<b>Native Hawaiian or Other Pacific Islander</b>	<b>More than one race reported</b>	<b>Other and Unknown</b>
Infants 0 to 1	1,066	558	460	27	21	0	0	0
Children 1 through 4	146	82	55	2	7	0	0	0
Children 5 through 9	89	57	29	0	3	0	0	0
Children 10 through 14	90	55	35	0	0	0	0	0
Children 15 through 19	427	276	128	17	6	0	0	0
Children 20 through 24	662	442	196	20	4	0	0	0
Children 0 through 24	2,480	1,470	903	66	41	0	0	0

**HSI #08B - Demographics (Total deaths)** Deaths of Infants and children aged 0 through 24 years enumerated by age subgroup and ethnicity. (Demographics)

<b>CATEGORY TOTAL DEATHS BY HISPANIC ETHNICITY</b>	<b>Total NOT Hispanic or Latino</b>	<b>Total Hispanic or Latino</b>	<b>Ethnicity Not Reported</b>
Infants 0 to 1	936	130	0
Children 1 through 4	129	16	1
Children 5 through 9	83	5	1
Children 10 through 14	83	7	0
Children 15 through 19	393	33	1
Children 20 through 24	588	74	0
Children 0 through 24	2,212	265	3

**FORM 21**  
**HEALTH STATUS INDICATORS**  
**DEMOGRAPHIC DATA**  
**STATE: NC**

**HSI #09A - Demographics (Miscellaneous Data)** *Infants and children aged 0 through 19 years in miscellaneous situations or enrolled in various State programs enumerated by race. (Demographics)*

Is this data final or provisional? Provisional

<b>CATEGORY Miscellaneous Data BY RACE</b>	<b>Total All Races</b>	<b>White</b>	<b>Black or African American</b>	<b>American Indian or Native Alaskan</b>	<b>Asian</b>	<b>Native Hawaiian or Other Pacific Islander</b>	<b>More than one race reported</b>	<b>Other and Unknown</b>	<b>Specific Reporting Year</b>
All children 0 through 19	2,500,001	1,728,693	618,050	36,231	52,327	2,378	62,322	0	2008
Percent in household headed by single parent	21.3	13.8	41.1	28.2	6.7	13.5	22.7	0.0	2008
Percent in TANF (Grant) families	4.3	1.8	9.6	5.6	1.5	5.3	0.4	0.0	2009
Number enrolled in Medicaid	1,001,081	405,196	377,183	16,869	12,537	1,313	0	187,983	2009
Number enrolled in SCHIP	130,762	62,666	41,739	2,026	2,205	166	0	21,960	2009
Number living in foster home care	9,878	5,047	4,042	132	13	45	512	87	2009
Number enrolled in food stamp program	769,847	290,950	337,968	13,169	7,648	976	1,737	117,399	2009
Number enrolled in WIC	208,236	122,541	66,502	3,163	2,818	217	0	12,995	2009
Rate (per 100,000) of juvenile crime arrests	2,283.0	1,403.0	5,164.0	2,809.0	511.0	0.0	0.0	0.0	2008
Percentage of high school drop-outs (grade 9 through 12)	4.3	3.6	5.3	5.5	1.8	0.0	4.5	0.0	2009

**HSI #09B - Demographics (Miscellaneous Data)** *Infants and children aged 0 through 19 years in miscellaneous situations or enrolled in various State programs enumerated by ethnicity. (Demographics)*

<b>CATEGORY Miscellaneous Data BY HISPANIC ETHNICITY</b>	<b>Total NOT Hispanic or Latino</b>	<b>Total Hispanic or Latino</b>	<b>Ethnicity Not Reported</b>	<b>Specific Reporting Year</b>
All children 0 through 19	2,211,951	288,050	0	2008
Percent in household headed by single parent	23.0	8.9	0.0	2008
Percent in TANF (Grant) families	4.4	3.3	0.0	2009
Number enrolled in Medicaid	671,480	142,669	186,932	2009
Number enrolled in SCHIP	101,292	16,468	13,002	2009
Number living in foster home care	9,097	781	0	2009
Number enrolled in food stamp program	684,540	85,307	0	2009
Number enrolled in WIC	144,165	64,071	0	2009
Rate (per 100,000) of juvenile crime arrests	2,283.0	2,283.0	0.0	2009
Percentage of high school drop-outs (grade 9 through 12)	4.3	5.7	0.0	2009

**FORM 21**  
**HEALTH STATUS INDICATORS**  
**DEMOGRAPHIC DATA**  
**STATE: NC**

**HSI #10 - Demographics (Geographic Living Area)** *Geographic living area for all resident children aged 0 through 19 years old. (Demographics)*

Reporting Year: 2009    Is this data from a State Projection? No    Is this data final or provisional? Final

<b>GEOGRAPHIC LIVING AREAS</b>	<b>TOTAL</b>
Living in metropolitan areas	<u>1,332,079</u>
Living in urban areas	<u>1,173,574</u>
Living in rural areas	<u>787,158</u>
Living in frontier areas	<u>0</u>
<b>Total - all children 0 through 19</b>	<u>1,960,732</u>

**Note:**

The Total will be determined by adding reported numbers for urban, rural and frontier areas.



FORM 21  
HEALTH STATUS INDICATORS  
DEMOGRAPHIC DATA  
STATE: NC

**HSI #11 - Demographics (Poverty Levels)** *Percent of the State population at various levels of the federal poverty level. (Demographics)*

Reporting Year: 2009    Is this data from a State Projection? No    Is this data final or provisional? Final

POVERTY LEVELS	TOTAL
Total Population	9,234,000.0
Percent Below: 50% of poverty	5.7
100% of poverty	13.9
200% of poverty	35.2

FORM 21  
HEALTH STATUS INDICATORS  
DEMOGRAPHIC DATA  
STATE: NC

**HSI #12 - Demographics (Poverty Levels)** *Percent of the State population aged 0 through 19 at various levels of the federal poverty level. (Demographics)*

Reporting Year: 2009    Is this data from a State Projection? No    Is this data final or provisional? Provisional

POVERTY LEVELS	TOTAL
Children 0 through 19 years old	<u>2,500,001.0</u>
Percent Below: 50% of poverty	<u>8.0</u>
100% of poverty	<u>19.8</u>
200% of poverty	<u>43.0</u>

## FORM NOTES FOR FORM 21

None

### FIELD LEVEL NOTES

1. **Section Number:** Form21\_Indicator 06A  
**Field Name:** S06\_Race\_Infants  
**Row Name:** Infants 0 to 1  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data source for all data in HSI 06 is the US Census Bureau - Population Estimates for 2008.
2. **Section Number:** Form21\_Indicator 07A  
**Field Name:** Race\_Women15  
**Row Name:** Women < 15  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
The data for the category "more than one race reported" are not available for any of the age groups in this indicator.  
  
The data source for these data is the birth file from the State Center for Health Statistics. There were 6 births in 2008 to women of unknown age which are not included in these totals. Four of these births were to white women and 2 were to black women. Three have unknown Hispanic ethnicity and three were not Hispanic.
3. **Section Number:** Form21\_Indicator 08A  
**Field Name:** S08\_Race\_Infants  
**Row Name:** Infants 0 to 1  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data for the category "More than one race reported" are not available for indicator for any age group.
4. **Section Number:** Form21\_Indicator 09A  
**Field Name:** HSIRace\_Children  
**Row Name:** All children 0 through 19  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
US Census Bureau 2008 Population Estimates
5. **Section Number:** Form21\_Indicator 09A  
**Field Name:** HSIRace\_SingleParentPercent  
**Row Name:** Percent in household headed by single parent  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Based on 2000 US Census data. Data are not available for the Other and Unknown categories.
6. **Section Number:** Form21\_Indicator 09A  
**Field Name:** HSIRace\_TANFPercent  
**Row Name:** Percent in TANF (Grant) families  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
State fiscal year 2009 data from DSS. Unreported and missing ethnicity are counted as non-Hispanic.
7. **Section Number:** Form21\_Indicator 09A  
**Field Name:** HSIRace\_MedicaidNo  
**Row Name:** Number enrolled in Medicaid  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data are as of December 31, 2008 for ages 0-19. Data are not available for the > one race reported category.
8. **Section Number:** Form21\_Indicator 09A  
**Field Name:** HSIRace\_SCHIPNo  
**Row Name:** Number enrolled in SCHIP  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data are per a snapshot as of June 2009 per a Data Warehouse Query by DMA employee (Cinnamon Narron - 6/10 email).
9. **Section Number:** Form21\_Indicator 09A  
**Field Name:** HSIRace\_FoodStampNo  
**Row Name:** Number enrolled in food stamp program  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
State fiscal year 2009 data from DSS. Unreported and missing ethnicity are counted as non-Hispanic.
10. **Section Number:** Form21\_Indicator 09A  
**Field Name:** HSIRace\_WICNo  
**Row Name:** Number enrolled in WIC  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data are for State Fiscal Year 2009. Data are not available for the > one race reported category.
11. **Section Number:** Form21\_Indicator 09A  
**Field Name:** HSIRace\_JuvenileCrimeRate  
**Row Name:** Rate (per 100,000) of juvenile crime arrests  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data are for CY08. Data are not available for the Native Hawaiian or Other Pacific Islander, > one race reported, and Other and Unknown Categories. Data Source: NC

12. **Section Number:** Form21\_Indicator 09A  
**Field Name:** HSIRace\_DropOutPercent  
**Row Name:** Percentage of high school drop-outs (grade 9 through 12)  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data Source: NC Department of Public Instruction's Report on Dropout Events and Rates.
13. **Section Number:** Form21\_Indicator 09B  
**Field Name:** HSIEthnicity\_Children  
**Row Name:** All children 0 through 19  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data Source: US Census Bureau 2008 Population Estimates. Ethnicity Not Reported Category data are not available.
14. **Section Number:** Form21\_Indicator 09B  
**Field Name:** HSIEthnicity\_MedicaidNo  
**Row Name:** Number enrolled in Medicaid  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data are as of December 31, 2008, for ages 0-19. Data are not available for the > one race reported category.
15. **Section Number:** Form21\_Indicator 09B  
**Field Name:** HSIEthnicity\_SCHIPNo  
**Row Name:** Number enrolled in SCHIP  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data are per a snapshot as of June 2009 per a Data Warehouse Query by DMA employee (Cinnamon Narron - 6/10 email).
16. **Section Number:** Form21\_Indicator 09B  
**Field Name:** HSIEthnicity\_FoodStampNo  
**Row Name:** Number enrolled in food stamp program  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
State fiscal year 2009 data from DSS. Unreported and missing ethnicity are counted as non-Hispanic. Ethnicity Not Reported Category data are not available.
17. **Section Number:** Form21\_Indicator 09B  
**Field Name:** HSIEthnicity\_WICNo  
**Row Name:** Number enrolled in WIC  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data are for State Fiscal Year 2009. Ethnicity Not Reported Category data are not available.
18. **Section Number:** Form21\_Indicator 09B  
**Field Name:** HSIEthnicity\_JuvenileCrimeRate  
**Row Name:** Rate (per 100,000) of juvenile crime arrests  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
These data are not available. This is an estimate, taking the rate for children of all races in 9A and applying that to the total population in 9B.
19. **Section Number:** Form21\_Indicator 09B  
**Field Name:** HSIEthnicity\_DropOutPercent  
**Row Name:** Percentage of high school drop-outs (grade 9 through 12)  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data Source: NC Department of Public Instruction's Report on Dropout Events and Rates. Hispanic Ethnicity was not separated out from Race, however, so just put overall rate of 4.3% for non-Hispanic.
20. **Section Number:** Form21\_Indicator 10  
**Field Name:** Metropolitan  
**Row Name:** Living in metropolitan areas  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data Source: Table GCT-P% Age and Sex: 2000; Geographic Area: North Carolina - Urban/Rural and Inside/Outside Metropolitan Area; US Census Bureau, Census 2000 Summary File 1, Matrices PCT12 and P13
21. **Section Number:** Form21\_Indicator 10  
**Field Name:** Urban  
**Row Name:** Living in urban areas  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data Source: Table GCT-P% Age and Sex: 2000; Geographic Area: North Carolina - Urban/Rural and Inside/Outside Metropolitan Area; US Census Bureau, Census 2000 Summary File 1, Matrices PCT12 and P13
22. **Section Number:** Form21\_Indicator 10  
**Field Name:** Rural  
**Row Name:** Living in rural areas  
**Column Name:**  
**Year:** 2011  
**Field Note:**  
Data Source: Table GCT-P% Age and Sex: 2000; Geographic Area: North Carolina - Urban/Rural and Inside/Outside Metropolitan Area; US Census Bureau, Census 2000 Summary File 1, Matrices PCT12 and P13
23. **Section Number:** Form21\_Indicator 11  
**Field Name:** S11\_total

**Row Name:** Total Population

**Column Name:**

**Year:** 2011

**Field Note:**

POV46 Poverty Status by State; US Census Bureau, Current Population Survey, 2009 Annual Social and Economic Supplement

**24. Section Number:** Form21\_Indicator 11

**Field Name:** S11\_50percent

**Row Name:** Percent Below: 50% of poverty

**Column Name:**

**Year:** 2011

**Field Note:**

This is a complete estimate based on data for the US as a whole. Source: U.S. Census Bureau, Current Population Survey, 2009 Annual Social and Economic Supplement.

Table POV01: Age and Sex of All People, Family Members and Unrelated Individuals Iterated by Income-to-Poverty Ratio and Race: 2008 Below 50% of Poverty -- All

Races

**25. Section Number:** Form21\_Indicator 11

**Field Name:** S11\_100percent

**Row Name:** 100% of poverty

**Column Name:**

**Year:** 2011

**Field Note:**

POV46 Poverty Status by State; US Census Bureau, Current Population Survey, 2009 Annual Social and Economic Supplement

**26. Section Number:** Form21\_Indicator 11

**Field Name:** S11\_200percent

**Row Name:** 200% of poverty

**Column Name:**

**Year:** 2011

**Field Note:**

POV46 Poverty Status by State; US Census Bureau, Current Population Survey, 2009 Annual Social and Economic Supplement

**27. Section Number:** Form21\_Indicator 12

**Field Name:** S12\_Children

**Row Name:** Children 0 through 19 years old

**Column Name:**

**Year:** 2011

**Field Note:**

Population Estimate from US Census for 2008

**28. Section Number:** Form21\_Indicator 12

**Field Name:** S12\_50percent

**Row Name:** Percent Below: 50% of poverty

**Column Name:**

**Year:** 2011

**Field Note:**

This is 2008 American Community Survey data per the Annie E. Casey Foundation website (NC profile)

**29. Section Number:** Form21\_Indicator 12

**Field Name:** S12\_100percent

**Row Name:** 100% of poverty

**Column Name:**

**Year:** 2011

**Field Note:**

this is 2008 American Community Survey data from S0901. Children Characteristics

**30. Section Number:** Form21\_Indicator 12

**Field Name:** S12\_200percent

**Row Name:** 200% of poverty

**Column Name:**

**Year:** 2011

**Field Note:**

This is 2008 American Community Survey data per the Annie E. Casey Foundation website (NC profile)

**FORM 11**  
**TRACKING PERFORMANCE MEASURES**  
[SECS 485 (2)(2)(B)(iii) AND 486 (A)(2)(A)(iii)]  
**STATE: NC**

**Form Level Notes for Form 11**

None

**STATE PERFORMANCE MEASURE # 1 - NEW FOR NEEDS ASSESSMENT CYCLE 2011-2015**

Number of children affected in substantiated reports of abuse and/or neglect as compared with previous years.

Annual Objective and Performance Data					
	2005	2006	2007	2008	2009
Annual Performance Objective	27,000	27,000	24,000	14,000	12,000
Annual Indicator	26,670	24,597	14,744	12,312	11,171
Numerator					
Denominator					
Data Source				NC DSS CPS Central Registr	NC DSS CPS Central Registr
Is the Data Provisional or Final?				Final	Final

  

Annual Objective and Performance Data					
	2010	2011	2012	2013	2014
Annual Performance Objective	11,500	11,000	10,500	10,000	
Annual Indicator					
Numerator	While you may enter preliminary objectives for State Performance Measures for the Needs Assessment Period 2011-2015, this is not required until next year.				
Denominator					

**Field Level Notes**

**1. Section Number:** Form11\_State Performance Measure #1

**Field Name:** SM1

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Data retrieved March 17, 2009 from the University of North Carolina at Chapel Hill Jordan Institute for Families website. URL: <http://ssw.unc.edu/ma/>

North Carolina has implemented the Multiple Response System (MRS) statewide. MRS is an effort to reform the entire continuum of child welfare in North Carolina- from intake through placement services. The goal of MRS is to bring services and supports more quickly to families in need, called "frontloading". Greater frontloading of services reduces the probability that a child would come back into the system within 6 months following an initial assessment finding services needed or a substantiation of abuse or neglect. In 2007 the recurrence of maltreatment did begin to decline by 27% (5.5% in SFY 2006-2007 as compared to 7.5% in 2001-2002).

MRS has changed many data definitions and therefore trend data on assessments and substantiations are not available. MRS allows a two pronged approach to CPS involvement: The Family Assessment Track and the Investigative Track. While the Investigative track is the "traditional approach", which would lead to the unsubstantiation or substantiation of a case, the Family Assessment track does not. With the Family Assessment Track, families are found "in need of services", "services recommended", or "no services recommended". In February 2006, the NC Division of Social Services added a new finding for Family Assessments, "Services Provided, No longer Needed." This finding indicates that the safety of a child and future risk of harm are no longer issues because the agency has been successful in frontloading necessary services during the family assessment and therefore the case was neither substantiated or "Services Needed". As the Family Assessment Track of MRS can address neglect and dependency, some of the "Services Needed" reflects dependency allegations. (NC Division of Social Services, 2007).

**2. Section Number:** Form11\_State Performance Measure #1

**Field Name:** SM1

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

North Carolina has implemented the Multiple Response System (MRS) statewide. MRS is an effort to reform the entire continuum of child welfare in North Carolina- from intake through placement services. The goal of MRS is to bring services and supports more quickly to families in need, called "frontloading". Greater frontloading of services reduces the probability that a child would come back into the system within 6 months following an initial assessment finding services needed or a substantiation of abuse or neglect. In 2007 the recurrence of maltreatment did begin to decline by 27% (5.5% in SFY 2006-2007 as compared to 7.5% in 2001-2002).

MRS has changed many data definitions and therefore trend data on assessments and substantiations are not available. MRS allows a two pronged approach to CPS involvement: The Family Assessment Track and the Investigative Track. While the Investigative track is the "traditional approach", which would lead to the unsubstantiation or substantiation of a case, the Family Assessment track does not. With the Family Assessment Track, families are found "in need of services", "services recommended", or "no services recommended". In February 2006, the NC Division of Social Services added a new finding for Family Assessments, "Services Provided, No longer Needed." This finding indicates that the safety of a child and future risk of harm are no longer issues because the agency has been successful in frontloading necessary services during the family assessment and therefore the case was neither substantiated or "Services Needed". As the Family Assessment Track of MRS can address neglect and dependency, some of the "Services Needed" reflects dependency allegations. (NC Division of Social Services, 2007).

**3. Section Number:** Form11\_State Performance Measure #1

**Field Name:** SM1

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

North Carolina has implemented the Multiple Response System (MRS) statewide. MRS is an effort to reform the entire continuum of child welfare in North Carolina- from intake through placement services. The goal of MRS is to bring services and supports more quickly to families in need, called "frontloading". Greater frontloading of services reduces the probability that a child would come back into the system within 6 months following an initial assessment finding services needed or a substantiation of abuse or neglect. In 2007 the recurrence of maltreatment did begin to decline by 27% (5.5% in SFY 2006-2007 as compared to 7.5% in 2001-2002).

MRS has changed many data definitions and therefore trend data on assessments and substantiations are not available. MRS allows a two pronged approach to CPS involvement: The Family Assessment Track and the Investigative Track. While the Investigative track is the "traditional approach", which would lead to the unsubstantiation or substantiation of a case, the Family Assessment track does not. With the Family Assessment Track, families are found "in need of services", "services recommended", or "no services recommended". In February 2006, the NC Division of Social Services added a new finding for Family Assessments, "Services Provided, No longer Needed." This finding indicates that the safety of a child and future risk of harm are no longer issues because the agency has been successful in frontloading necessary services during the family assessment and therefore the case was neither substantiated or "Services Needed". As the Family Assessment Track of MRS can address neglect and dependency, some of the "Services Needed" reflects dependency allegations. (NC Division of Social Services, 2007).

**STATE PERFORMANCE MEASURE # 2 - NEW FOR NEEDS ASSESSMENT CYCLE 2011-2015**

The number of children in the State less than three years old enrolled in early intervention services to reduce the effects of developmental delay, emotional disturbance, or chronic illness.

<b>Annual Objective and Performance Data</b>					
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Performance Objective</b>		13,673	15,040	15,500	15,700
<b>Annual Indicator</b>	12,436	13,673	15,048	15,869	17,606
<b>Numerator</b>					
<b>Denominator</b>					
<b>Data Source</b>				EI Branch CECAS	EI Branch CECAS
<b>Is the Data Provisional or Final?</b>				Final	Final

<b>Annual Objective and Performance Data</b>					
	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Annual Performance Objective</b>	16,000	16,000	16,000	16,000	
<b>Annual Indicator</b>					
<b>Numerator</b>					
<b>Denominator</b>					

While you may enter preliminary objectives for State Performance Measures for the Needs Assessment Period 2011-2015, this is not required until next year.

**Field Level Notes****1. Section Number:** Form11\_State Performance Measure #2**Field Name:** SM2**Row Name:****Column Name:****Year:** 2009**Field Note:**

Manual indicator (count) is used in this state performance measure.

**2. Section Number:** Form11\_State Performance Measure #2**Field Name:** SM2**Row Name:****Column Name:****Year:** 2008**Field Note:**

Manual indicator (count) is used in this state performance measure.

**3. Section Number:** Form11\_State Performance Measure #2**Field Name:** SM2**Row Name:****Column Name:****Year:** 2007**Field Note:**

Manual indicator (count) is used in this state performance measure.



**STATE PERFORMANCE MEASURE # 3 - NEW FOR NEEDS ASSESSMENT CYCLE 2011-2015**

Percent of children 2-18 who are obese. Obese is defined as a body mass index (BMI) greater than or equal to the 95th percentile for gender and age.

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective		15	14	13	12
Annual Indicator	17.0	16.7	17.4	17.3	17.5
Numerator	17,394	19,151	20,062	20,863	19,295
Denominator	102,480	114,970	115,394	120,472	110,406
Data Source				NC-NPASS	NC-NPASS
Is the Data Provisional or Final?				Final	Final

	<u>Annual Objective and Performance Data</u>				
	2010	2011	2012	2013	2014
Annual Performance Objective	10	10	10	10	
Annual Indicator					
Numerator					
Denominator					

While you may enter preliminary objectives for State Performance Measures for the Needs Assessment Period 2011-2015, this is not required until next year.

**Field Level Notes****1. Section Number:** Form11\_State Performance Measure #3**Field Name:** SM3**Row Name:****Column Name:****Year:** 2009**Field Note:**

The data source is NC Nutrition and Physical Activity Surveillance System (NC-NPASS) which includes data from children who participate in Child Health and WIC in local health departments and children in School Based/School Linked Health Centers.

FY year data are actually the prior calendar year, e.g. FY09 is really CY08.

**2. Section Number:** Form11\_State Performance Measure #3**Field Name:** SM3**Row Name:****Column Name:****Year:** 2008**Field Note:**

The data source is NC Nutrition and Physical Activity Surveillance System (NC-NPASS) which includes data from children who participate in Child Health and WIC in local health departments and children in School Based/School Linked Health Centers.

FY year data are actually the prior calendar year, e.g. FY08 is really CY07.

**3. Section Number:** Form11\_State Performance Measure #3**Field Name:** SM3**Row Name:****Column Name:****Year:** 2007**Field Note:**

FY year data are actually the prior calendar year, e.g. FY07 is really CY06.

**STATE PERFORMANCE MEASURE # 4 - NEW FOR NEEDS ASSESSMENT CYCLE 2011-2015**

The percent of women responding to the Pregnancy Risk Assessment Monitoring System (PRAMS) survey that they either wanted to be pregnant later or not then or at any time in the future.

<b>Annual Objective and Performance Data</b>					
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Performance Objective</b>	<u>40</u>	<u>39</u>	<u>39</u>	<u>38</u>	<u>38</u>
<b>Annual Indicator</b>	<u>44</u>	<u>44.4</u>	<u>47.6</u>	<u>39.8</u>	<u>43.9</u>
<b>Numerator</b>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<b>Denominator</b>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<b>Data Source</b>				Pregnancy Risk Assessment Monitoring System	Pregnancy Risk Assessment Monitoring System
<b>Is the Data Provisional or Final?</b>				Final	Final

<b>Annual Objective and Performance Data</b>					
	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Annual Performance Objective</b>	<u>38</u>	<u>38</u>	<u>38</u>	<u>38</u>	<u></u>
<b>Annual Indicator</b>					
<b>Numerator</b>					
<b>Denominator</b>					

While you may enter preliminary objectives for State Performance Measures for the Needs Assessment Period 2011-2015, this is not required until next year.

**Field Level Notes**

- Section Number:** Form11\_State Performance Measure #4  
**Field Name:** SM4  
**Row Name:**  
**Column Name:**  
**Year:** 2009  
**Field Note:**  
 Data are for CY08. PRAMS data are weighted to get the final state percentage, so numerator and denominator data are not available.
- Section Number:** Form11\_State Performance Measure #4  
**Field Name:** SM4  
**Row Name:**  
**Column Name:**  
**Year:** 2008  
**Field Note:**  
 Data are for CY07. PRAMS data are weighted to get the final state percentage, so numerator and denominator data are not available.
- Section Number:** Form11\_State Performance Measure #4  
**Field Name:** SM4  
**Row Name:**  
**Column Name:**  
**Year:** 2007  
**Field Note:**  
 Data are for CY06. PRAMS data are weighted to get the final state percentage, so numerator and denominator data are not available.

**STATE PERFORMANCE MEASURE # 5 - NEW FOR NEEDS ASSESSMENT CYCLE 2011-2015**

Percent of women of childbearing age taking folic acid regularly.

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	50	50	50	50	50
Annual Indicator	47.1	38.5	29.2	38.3	38.3
Numerator					
Denominator					
Data Source				NC BRFSS	NC BRFSS
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2010	2011	2012	2013	2014
Annual Performance Objective	50	50	50	50	
Annual Indicator					
Numerator					
Denominator					

While you may enter preliminary objectives for State Performance Measures for the Needs Assessment Period 2011-2015, this is not required until next year.

**Field Level Notes****1. Section Number:** Form11\_State Performance Measure #5**Field Name:** SM5**Row Name:****Column Name:****Year:** 2009**Field Note:**

These data are for CY2008 from the BRFSS. Data for 2009 are not yet available. As the folic acid questions have changed from prior years, data for 2007 and beyond are not comparable to data from previous years.

**2. Section Number:** Form11\_State Performance Measure #5**Field Name:** SM5**Row Name:****Column Name:****Year:** 2008**Field Note:**

As the folic acid questions have changed from prior years, data for 2007 and beyond are not comparable to data from previous years.

**3. Section Number:** Form11\_State Performance Measure #5**Field Name:** SM5**Row Name:****Column Name:****Year:** 2007**Field Note:**

These data are for CY2007 from the BRFSS. As the folic acid questions have changed from prior years, data for 2007 and beyond are not comparable to data from previous years.

**STATE PERFORMANCE MEASURE # 6 - NEW FOR NEEDS ASSESSMENT CYCLE 2011-2015**

The ratio of school health nurses to the public school student population.

Annual Objective and Performance Data					
	2005	2006	2007	2008	2009
Annual Performance Objective	1:1500	1,300	1,200	1,200	1,150
Annual Indicator	1,593.1	1,571.3	1,340.8	1,225.4	1,206.6
Numerator	1,332,009	1,363,695	1,386,363	1,404,957	1,410,497
Denominator	836.1	867.9	1,034	1,146.5	1,169
Data Source				NC Annual School Health Services Report 2007-08	NC Annual School Health Services Report 2008-09
Is the Data Provisional or Final?				Final	Final

  

Annual Objective and Performance Data					
	2010	2011	2012	2013	2014
Annual Performance Objective	1,150	1,100	1,100	1,050	
Annual Indicator					
Numerator					
Denominator					

While you may enter preliminary objectives for State Performance Measures for the Needs Assessment Period 2011-2015, this is not required until next year.

**Field Level Notes****1. Section Number:** Form11\_State Performance Measure #6**Field Name:** SM6**Row Name:****Column Name:****Year:** 2009**Field Note:**

As colons aren't allowed in the measure, the number listed in the objectives is the second number of the ratio (1:1225.4, etc.), i.e., the number of students per school health nurse.

School health nurse to student ratios were based upon full-time equivalencies of school nurse staff. The number of students and school health nurse FTEs from which the ratios were calculated are as follows:

FY06 Students: 1,363,695 School Nurse FTEs: 867.9; ratio 1:1571  
 FY07 Students: 1,386,363 School Nurse FTEs: 1034; ratio 1:1341  
 FY08 Students: 1,404,957 School Nurse FTEs: 1146.5; ratio 1:1225.4  
 FY09 Students: 1,410,497 School Nurse FTEs: 1169.04; ratio 1:1207

**2. Section Number:** Form11\_State Performance Measure #6**Field Name:** SM6**Row Name:****Column Name:****Year:** 2008**Field Note:**

As colons aren't allowed in the measure, the number listed in the objectives is the second number of the ratio (1:1225.4, etc.), i.e., the number of students per school health nurse.

School health nurse to student ratios were based upon full-time equivalencies of school nurse staff. The number of students and school health nurse FTEs from which the ratios were calculated are as follows:

FY06 Students: 1,363,695 School Nurse FTEs: 867.9; ratio 1:1571  
 FY07 Students: 1,386,363 School Nurse FTEs: 1034; ratio 1:1341  
 FY08 Students: 1,404,957 School Nurse FTEs: 1146.5; ratio 1:1225.4

**3. Section Number:** Form11\_State Performance Measure #6**Field Name:** SM6**Row Name:****Column Name:****Year:** 2007**Field Note:**

As colons aren't allowed in the measure, the number listed in the objectives is the second number of the ratio (1:1918, etc.), i.e., the number of students per school health nurse.

School health nurse to student ratios were based upon full-time equivalencies of school nurse staff. The number of students and school health nurse FTEs from which the ratios were calculated are as follows:

FY06 Students: 1,363,695 School Nurse FTEs: 867.9; ratio 1:1571  
 FY07 Students: 1,386,363 School Nurse FTEs: 1034; ratio 1:1341

**STATE PERFORMANCE MEASURE # 7 - NEW FOR NEEDS ASSESSMENT CYCLE 2011-2015**

Percent of women with live, term births who gain within the Institute of Medicine (IOM) Recommended Weight Gain Ranges.

<b>Annual Objective and Performance Data</b>					
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Performance Objective</b>		34	35	36	37
<b>Annual Indicator</b>	33.6	33.0	32.9	34.0	31.8
<b>Numerator</b>	12,429	12,227	12,959	15,642	15,835
<b>Denominator</b>	36,981	37,012	39,331	45,960	49,872
<b>Data Source</b>				NC Pregnancy Nutrition Surveillance System(NCPNSS)	NC Pregnancy Nutrition Surveillance System(NCPNSS)
<b>Is the Data Provisional or Final?</b>				Final	Final

<b>Annual Objective and Performance Data</b>					
	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Annual Performance Objective</b>	38	38	38	39	
<b>Annual Indicator</b>					
<b>Numerator</b>					
<b>Denominator</b>					

While you may enter preliminary objectives for State Performance Measures for the Needs Assessment Period 2011-2015, this is not required until next year.

**Field Level Notes**

1. **Section Number:** Form11\_State Performance Measure #7

**Field Name:** SM7

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

Data are based on prior CY (FY09 is really CY08). As per the detail sheet, these data are only available for women receiving WIC services.

2. **Section Number:** Form11\_State Performance Measure #7

**Field Name:** SM7

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

Data are based on prior CY (FY08 is really CY07). As per the detail sheet, these data are only available for women receiving WIC services.

3. **Section Number:** Form11\_State Performance Measure #7

**Field Name:** SM7

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

Data are based on prior CY (FY07 is really CY06). As per the detail sheet, these data are only available for women receiving WIC services.

**STATE PERFORMANCE MEASURE # 8 - NEW FOR NEEDS ASSESSMENT CYCLE 2011-2015**

Percent of non-pregnant women of reproductive age who are overweight/obese (BMI&gt;26).

<b>Annual Objective and Performance Data</b>					
	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Annual Performance Objective</b>		45	44	43	42
<b>Annual Indicator</b>	46.3	46.6	46.7	47.2	47.8
<b>Numerator</b>	19,693	20,048	21,109	21,314	23,311
<b>Denominator</b>	42,533	43,022	45,201	45,157	48,768
<b>Data Source</b>				NC Pregnancy Nutrition Surveillance System	NC Pregnancy Nutrition Surveillance System
<b>Is the Data Provisional or Final?</b>				Final	Final

<b>Annual Objective and Performance Data</b>					
	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
<b>Annual Performance Objective</b>	41	40	40	40	
<b>Annual Indicator</b>					
<b>Numerator</b>					
<b>Denominator</b>					

While you may enter preliminary objectives for State Performance Measures for the Needs Assessment Period 2011-2015, this is not required until next year.

**Field Level Notes****1. Section Number:** Form11\_State Performance Measure #8**Field Name:** SM8**Row Name:****Column Name:****Year:** 2009**Field Note:**

Data are based on the prior calendar year. The data source is the North Carolina Pregnancy Nutrition Surveillance System (PNSS) which links data from the WIC program, public maternity clinics, birth certificates and fetal death certificates.

**2. Section Number:** Form11\_State Performance Measure #8**Field Name:** SM8**Row Name:****Column Name:****Year:** 2008**Field Note:**

Data are based on the prior calendar year. The data source is the North Carolina Pregnancy Nutrition Surveillance System (PNSS) which links data from the WIC program, public maternity clinics, birth certificates and fetal death certificates.

**3. Section Number:** Form11\_State Performance Measure #8**Field Name:** SM8**Row Name:****Column Name:****Year:** 2007**Field Note:**

Data are based on the prior calendar year. The data source is the North Carolina Pregnancy Nutrition Surveillance System (PNSS) which links data from the WIC program, public maternity clinics, birth certificates and fetal death certificates.

**STATE PERFORMANCE MEASURE # 9 - NEW FOR NEEDS ASSESSMENT CYCLE 2011-2015**

Percent of children age 13 to 17 who have received 1 or more doses of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis (Tdap) since the age of ten years

	<u>Annual Objective and Performance Data</u>				
	2005	2006	2007	2008	2009
Annual Performance Objective	_____	_____	_____	_____	_____
Annual Indicator	_____	_____	_____	_____	_____
Numerator	_____	_____	_____	_____	_____
Denominator	_____	_____	_____	_____	_____
Data Source					
Is the Data Provisional or Final?					

	<u>Annual Objective and Performance Data</u>				
	2010	2011	2012	2013	2014
Annual Performance Objective	_____	_____	_____	_____	_____
Annual Indicator					
Numerator	While you may enter preliminary objectives for State Performance Measures for the Needs Assessment Period 2011-2015, this is not required until next year.				
Denominator					

**Field Level Notes**

None





**FORM 12**  
**TRACKING HEALTH OUTCOME MEASURES**  
[SECS 505 (A)(2)(B)(iii) AND 506 (A)(2)(A)(iii)]  
**STATE: NC**

**Form Level Notes for Form 12**

None

**STATE OUTCOME MEASURE # 1 - NEW FOR NEEDS ASSESSMENT CYCLE 2011-2015**

The maternal mortality rate per 100,000 live births.

<u>Annual Objective and Performance Data</u>					
	2005	2006	2007	2008	2009
Annual Performance Objective	16	18	18	17.5	8
Annual Indicator	22.8	8.6	16.0	16.8	16.8
Numerator	28	11	21	22	
Denominator	123,040	127,646	130,886	130,758	
Data Source				NC Enhanced Maternal Mortality Surveillance System	NC Enhanced Maternal Mortality Surveillance System
Is the Data Provisional or Final?				Final	Provisional

<u>Annual Objective and Performance Data</u>					
	2010	2011	2012	2013	2014
Annual Performance Objective	8	8	8	8	
Annual Indicator					
Numerator	Please fill in only the Objectives for the above years. Numerator, Denominator and Annual Indicators are not required for future year data.				
Denominator					

**Field Level Notes**

1. **Section Number:** Form12\_State Outcome Measure 1

**Field Name:** SO1

**Row Name:**

**Column Name:**

**Year:** 2009

**Field Note:**

These data are obtained through an enhanced surveillance system which involves computer matching of deaths to reproductive-age women to live birth/fetal death records (case finding), and a medical review to establish circumstances of death as related to pregnancy complications. Data for 2009 are not yet available.

2. **Section Number:** Form12\_State Outcome Measure 1

**Field Name:** SO1

**Row Name:**

**Column Name:**

**Year:** 2008

**Field Note:**

These data are obtained through an enhanced surveillance system which involves computer matching of deaths to reproductive-age women to live birth/fetal death records (case finding), and a medical review to establish circumstances of death as related to pregnancy complications.

3. **Section Number:** Form12\_State Outcome Measure 1

**Field Name:** SO1

**Row Name:**

**Column Name:**

**Year:** 2007

**Field Note:**

These data are obtained through an enhanced surveillance system which involves computer matching of deaths to reproductive-age women to live birth/fetal death records (case finding), and a medical review to establish circumstances of death as related to pregnancy complications.



**FORM 16**  
**STATE PERFORMANCE AND OUTCOME MEASURE DETAIL SHEET**  
**STATE: NC**

SP(New for Needs Assessment cycle 2011-2015) # 1

<b>PERFORMANCE MEASURE:</b>	Number of children affected in substantiated reports of abuse and/or neglect as compared with previous years.
<b>STATUS:</b>	Active
<b>GOAL</b>	To ensure that families receive sufficient and appropriate support during pregnancy, at birth and during child-rearing years, resulting in reduced incidence of substantiated child abuse and/or neglect.
<b>DEFINITION</b>	<p>Number of children affected in substantiated reports of abuse and/or neglect as compared with previous years.</p> <p><b>Numerator:</b> Number of children affected in substantiated reports of abuse and/or neglect in the past fiscal year.</p> <p><b>Denominator:</b> N/A</p> <p><b>Units:</b> Yes   <b>Text:</b> Text</p>
<b>HEALTHY PEOPLE 2010 OBJECTIVE</b>	15-33. Reduce maltreatment and maltreatment fatalities of children.
<b>DATA SOURCES AND DATA ISSUES</b>	Data are provided by the North Carolina Child Protective Services Central Registry's Reports of Child Abuse, Neglect and Dependency.
<b>SIGNIFICANCE</b>	Substantiated reports of child abuse and neglect continue to increase, both nationally and in North Carolina.

<b>PERFORMANCE MEASURE:</b>	The number of children in the State less than three years old enrolled in early intervention services to reduce the effects of developmental delay, emotional disturbance, or chronic illness.
<b>STATUS:</b>	Active
<b>GOAL</b>	For the WCHS to show improvement at both identifying infants and toddlers needing early intervention services and appropriately enrolling these children at the earliest possible age to reduce the effects of disabling conditions.
<b>DEFINITION</b>	<p>Number of children in the State less than three years old enrolled in early intervention services.</p> <p><b>Numerator:</b> The number of children in NC less than three years old receiving NC Infant-Toddler Program (Part C of the Individuals with Disabilities Education Act [IDEA] (reauthorized 2004) services during the state fiscal year (7/1 - 6/30).</p> <p><b>Denominator:</b> N/A</p> <p><b>Units:</b> Yes   <b>Text:</b> Text</p>
<b>HEALTHY PEOPLE 2010 OBJECTIVE</b>	<p>16-20c Ensure that infants with diagnosed disorders are enrolled in appropriate service interventions within an appropriate time period.</p> <p>16-23 Increase the proportion of Territories and States that have service systems for children with special health care needs.</p>
<b>DATA SOURCES AND DATA ISSUES</b>	NC Infant-Toddler Program - Comprehensive Exceptional Children Accountability System (CECAS)
<b>SIGNIFICANCE</b>	This measure indicates the extent to which effects of developmental delay, emotional disturbance, or chronic illness can be reduced by early intervention services.

**PERFORMANCE MEASURE:**

Percent of children 2-18 who are obese. Obese is defined as a body mass index (BMI) greater than or equal to the 95th percentile for gender and age.

**STATUS:**

Active

**GOAL**

To enhance the physical and mental health of children and adolescents by reducing morbidity secondary to obesity.

**DEFINITION**

Obese is defined as a body mass index (BMI) greater than or equal to the 95th percentile for gender and age.

**Numerator:**

Unduplicated number of children ages 2 through 18, seen in a publicly-funded health center, with a body mass index greater than or equal to the 95th percentile for gender and age.

**Denominator:**

Unduplicated number of children ages 2 through 18, seen in a publicly-funded health center, who had both a height and weight measured at the time of their visit.

**Units:** 100 **Text:** Percent

**HEALTHY PEOPLE 2010 OBJECTIVE**

19-3. Reduce the proportion of children and adolescents who are overweight or obese to 5%.

**DATA SOURCES AND DATA ISSUES**

NC Nutrition and Physical Activity Surveillance System (NC-NPASS) which is data from children who participate in Child Health, School Based/School Linked Health Centers, and the WIC Program.

**SIGNIFICANCE**

Obesity is the most prevalent nutritional disease of children and adolescents in the United States. Many of the cardiovascular consequences of adult obesity are preceded by abnormalities that begin in childhood.

<b>PERFORMANCE MEASURE:</b>	The percent of women responding to the Pregnancy Risk Assessment Monitoring System (PRAMS) survey that they either wanted to be pregnant later or not then or at any time in the future.
<b>STATUS:</b>	Active
<b>GOAL</b>	To decrease the percentage of women delivering a baby in a given year who report that their pregnancy was unintended.
<b>DEFINITION</b>	<p>Unintended pregnancy is defined in PRAMS as a woman who responds either that she wanted to be pregnant later or she didn't want to be pregnant then or at any time in the future.</p> <p><b>Numerator:</b> Number of women responding to the PRAMS survey that they wanted to be pregnant later or did not want to be pregnant then or at any time in the future.</p> <p><b>Denominator:</b> Number of women responding to the PRAMS survey</p> <p><b>Units:</b> 100    <b>Text:</b> Percent</p>
<b>HEALTHY PEOPLE 2010 OBJECTIVE</b>	<p>9-1 Increase the proportion of pregnancies that are intended.</p> <p>9-3 Increase the proportion of females at risk of unintended pregnancy (and their partners) who use contraception.</p>
<b>DATA SOURCES AND DATA ISSUES</b>	<p>NC PRAMS survey of resident mothers delivering a live infant. Approximately 2000 women are surveyed each year. Denominator and numerator data are weighted by the CDC.</p>
<b>SIGNIFICANCE</b>	Unintended pregnancy is correlated with late or inadequate prenatal care, low birth weight, neonatal death, domestic violence, child abuse, and exposure of the fetus to harmful substances like tobacco, alcohol, and other drugs. It is associated with social and economic co-factors such as economic hardship, marital dissolution, failure to achieve educational goals, and spousal abuse.

<b>PERFORMANCE MEASURE:</b>	Percent of women of childbearing age taking folic acid regularly.
<b>STATUS:</b>	Active
<b>GOAL</b>	Increase the proportion of pregnancies begun with an optimum folic acid level.
<b>DEFINITION</b>	<p>Percent of women of childbearing age taking folic acid regularly.</p> <p><b>Numerator:</b> For 2007 - Number of women between the ages of 18 and 44 responding yes to the question that they have taken a multivitamin 5 or more times a week over the past 6 months. For data prior to 2007 - Number of women between the ages of 18 and 44 responding yes to the BRFSS Folic Acid Module questions "Are any of these [vitamin pills or supplements] a multivitamin?" and "Do any of the vitamin pills or supplements you take contain folic acid?"</p> <p><b>Denominator:</b> Number of women between the ages of 18 and 44 responding to the BRFSS Folic Acid Module Questions.</p> <p><b>Units:</b> 100    <b>Text:</b> Percent</p>
<b>HEALTHY PEOPLE 2010 OBJECTIVE</b>	16-16. Increase the proportion of pregnancies begun with an optimum folic acid level.
<b>DATA SOURCES AND DATA ISSUES</b>	North Carolina BRFSS Folic Acid Module. This module is not included every year in the BRFSS, thus data are available on a periodic basis, not annually.
<b>SIGNIFICANCE</b>	Neural Tube Defects (NTDs), including spina bifida, occur when the fetal neural tube fails to close fully, interrupting development of the central nervous system. Approximately 50 percent of pregnancies affected with NTDs may be prevented with adequate consumption of folic acid from 1 month before conception through the first 3 months of pregnancy. In 1992, the US Public Health Service (PHS) recommended that all women of childbearing age consume 400 micrograms of folic acid daily.

<b>PERFORMANCE MEASURE:</b>	The ratio of school health nurses to the public school student population.
<b>STATUS:</b>	Active
<b>GOAL</b>	To decrease the ratio of school health nurses to the student population.
<b>DEFINITION</b>	<p>The ratio of school health nurses to the public school student population. Ratios are no longer accepted values, but the number of students divided by the number of school health nurse FTEs gives the value for second number in the 1:XXX ratio.</p> <p><b>Numerator:</b> The number of public school students in NC in a given school year.</p> <p><b>Denominator:</b> The number of school health nurse full-time equivalences (FTEs) in a given school year.</p> <p><b>Units:</b> 1    <b>Text:</b> Ratio</p>
<b>HEALTHY PEOPLE 2010 OBJECTIVE</b>	<p>7-4</p> <p>Increase the proportion of the Nation's elementary, middle, junior high, and senior high schools that have a nurse to student ratio of at least 1:750.</p>
<b>DATA SOURCES AND DATA ISSUES</b>	North Carolina Annual School Health Services Report for Public Schools
<b>SIGNIFICANCE</b>	A licensed practical nurse or registered nurse is an essential component of a healthy school. Current models of school health services reflect an understanding that children's physical and mental health are linked to their abilities to succeed academically and socially in the school environment. School nurses assess student health and development, help families determine when medical services are needed, and serve as a professional link with physicians and community resources.



<b>PERFORMANCE MEASURE:</b>	Percent of women with live, term births who gain within the Institute of Medicine (IOM) Recommended Weight Gain Ranges.
<b>STATUS:</b>	Active
<b>GOAL</b>	Increase the percent of women with live, term births who gain within the IOM Recommended Weight Gain Ranges.
<b>DEFINITION</b>	<p>Percent of women with live, term births who gain within the IOM Recommended Weight Gain Ranges.</p> <p><b>Numerator:</b> Number of women in NC Pregnancy Nutrition Surveillance System (NCPNSS) with adequate weight gain.</p> <p><b>Denominator:</b> All women with full term births in NCPNSS for which pregravid height and weight and pregnancy weight gain is known.</p> <p><b>Units:</b> 100    <b>Text:</b> Percent</p>
<b>HEALTHY PEOPLE 2010 OBJECTIVE</b>	<p>16-12 (Developmental)</p> <p>Increase the proportion of mothers who achieve a recommended weight gain during pregnancy.</p>
<b>DATA SOURCES AND DATA ISSUES</b>	NC Pregnancy Nutrition Surveillance System. These are data from women who participate in the WIC Program linked with birth certificate records. In birth certificate records, data issues include that weight gain is not reported in all records and roughly 30% of records are missing pregravid height and weight. In some cases, an estimation in gestational age has been made. Since a weight minimum instead of range is recommended for women with BMI >29.0, adequacy has been defined as 15-25 pounds (i.e the same as for overweight women). This has been done in order to not create an artificially high number of "excessive weight gain" as a result of a woman not having a gain exactly 15 pounds.
<b>SIGNIFICANCE</b>	Weight gains outside of IOM ranges are associated with two times as many poor outcomes as gains within recommended ranges. Excessive weight gain currently accounts for roughly two thirds of these inappropriate gains nationally. Excessive weight gain is strongly associated with postpartum weight retention at one year and subsequent overweight and obesity in women. Pregravid overweight is associated with a substantial increased risk of macrosomia, congenital abnormalities (including neural tube defects), dysfunctional labor and complications in operative deliveries, gestational diabetes, hypertension, pre-eclampsia. Although somewhat controversial, increased preterm delivery and perinatal morbidity have also been associated with pregravid overweight.

<b>PERFORMANCE MEASURE:</b>	Percent of non-pregnant women of reproductive age who are overweight/obese (BMI>26).
<b>STATUS:</b>	Active
<b>GOAL</b>	To decrease the percent of non-pregnant women of reproductive age in NC who are overweight/obese (BMI>26)
<b>DEFINITION</b>	<p>Percent of non-pregnant women of reproductive age who are overweight/obese (BMI&gt;26).</p> <p><b>Numerator:</b> Number of women in NC Pregnancy Nutrition Surveillance System (NCPNSS)with prepregnancy BMI&gt;26.</p> <p><b>Denominator:</b> All women with full term births in NCPNSS 2002 for which pregravid height and weight is known.</p> <p><b>Units:</b> 100    <b>Text:</b> Percent</p>
<b>HEALTHY PEOPLE 2010 OBJECTIVE</b>	19-1. Increase the proportion of adults who are at a healthy weight to 60 percent.
<b>DATA SOURCES AND DATA ISSUES</b>	NC Pregnancy Nutrition Surveillance System which is primarily data from women who participate in the WIC Program linked with birth certificate records. Roughly 30% of total records are missing pregravid height and weight.
<b>SIGNIFICANCE</b>	Maintenance of a healthy weight is a major goal in the effort to reduce the burden of illness and its consequent reduction in quality of life and life expectancy. The selection of a BMI cut-point to establish the upper limit of the healthy weight range is based on the relationship of overweight or obesity to risk factors for chronic disease or premature death. A BMI of less than 25 has been accepted by numerous groups as the upper limit of the healthy weight range, since chronic disease risk increases in most populations at or above this cut-point. Women who are overweight at conception have increased obstetric risks including diabetes mellitus, hypertension, preterm births, macrosomia, and dysfunctional labor. Recent evidence suggests that women who enter pregnancy obese significantly increase their child's risk of overweight at 2-4 years of age.

<b>PERFORMANCE MEASURE:</b>	Percent of children age 13 to 17 who have received 1 or more doses of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis (Tdap) since the age of ten years
<b>STATUS:</b>	Active
<b>GOAL</b>	To increase the number of children age 13 to 17 who have received 1 or more does of Tdap and avert cases of tetanus, diphtheria, and pertussis.
<b>DEFINITION</b>	<p>Percent of children age 13 to 17 who have received 1 or more doses of Tdap since the age of ten years</p> <p><b>Numerator:</b> Number of children age 13 to 17 who have received 1 or more doses of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis (Tdap) since the age of ten years in North Carolina sample of the National Immunization Survey – Teen (NIS-Teen)</p> <p><b>Denominator:</b> Number of North Carolina children sampled in NIS-Teen</p> <p><b>Units:</b> 100   <b>Text:</b> Percent</p>
<b>HEALTHY PEOPLE 2010 OBJECTIVE</b>	14-27 Increase routine vaccination coverage levels for adolescents.
<b>DATA SOURCES AND DATA ISSUES</b>	14-27c - 1 or more doses of tetanus-diphtheria booster
<b>SIGNIFICANCE</b>	<p>National Immunization Survey-Teen</p> <p>The availability of Tdap, the first pertussis vaccines formulated for use in adolescents and adults in the United States, offers a new opportunity to reduce the burden of pertussis in this country. The primary objective of vaccinating adolescents with Tdap is to protect the vaccinated adolescent against pertussis while maintaining the standard of care for protection against tetanus and diphtheria. A secondary objective of adolescent Tdap vaccination is to reduce the reservoir of pertussis within the U.S. population at large and potentially reduce the incidence of pertussis in other age groups, including infants who have the highest risk for complications from pertussis. The extent to which the secondary objective can be achieved through adolescent vaccination is unknown. (This is taken directly from the following MMWR article: Centers for Disease Control and Prevention. Preventing tetanus, diphtheria, and pertussis among adolescents: use of tetanus toxoid, reduced diphtheria toxoid and acellular pertussis vaccines: recommendations of the Advisory Committee on Immunization Practices (ACIP). MMWR 2006;55(No. RR-3):[21].)</p>

**OUTCOME MEASURE:** The maternal mortality rate per 100,000 live births.

**STATUS:** Active

**GOAL** To reduce the number of maternal deaths.

**DEFINITION** The maternal mortality rate per 100,000 live births.

**Numerator:**  
The number of deaths to women while pregnant or within 42 days of termination of pregnancy.

**Denominator:**  
Number of live births.

**Units:** 100000 **Text:** Rate

**HEALTHY PEOPLE 2010 OBJECTIVE** 16-4. Reduce maternal deaths.  
Target: 3.3 maternal deaths per 100,000 live births.

**DATA SOURCES AND DATA ISSUES** Vital records collected by the State. The number of maternal deaths includes direct and indirect obstetric deaths identified through enhanced surveillance of maternal mortality. The enhanced surveillance system involves computer matching of deaths to reproductive-age women to live birth/fetal death records (case finding), and medical review to establish circumstances of death as related to pregnancy complications.

**SIGNIFICANCE** Review of maternal deaths contributes to our understanding of the risk factors of maternal deaths, as well as to the evaluation and improvement of the quality of care.

